# Steffen Weber's
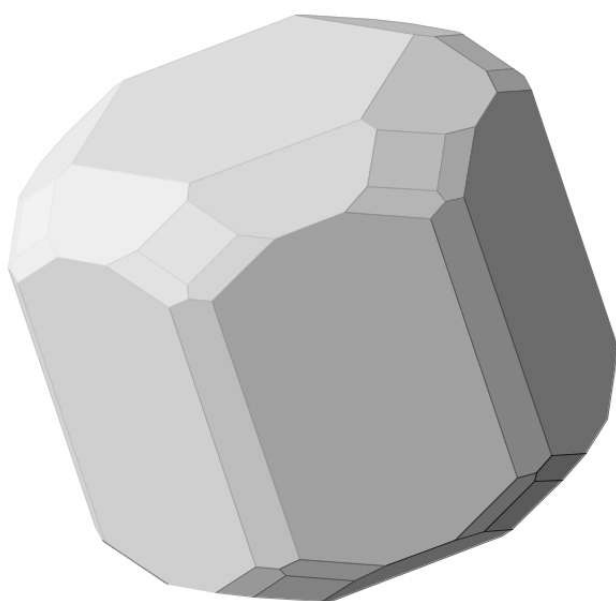# Crystallography Picture Book

## Crystal Forms

# *Preface*

This is volume three in the series of picture books that I am creating for educational purposes. All images in this volume were created using the program *JCrystal* (www.jcrystal.com). In the past I had written several MSDOS programs for the display of polyhedra and crystal shapes. Then I wrote a Java version called *JShape*, in order to visualize a crystal for which we needed to calculate absorption corrections. Then in 1999 I created *JCrystal*, in order to make such a program available to a wider circle of people with an interest in crystal shapes. Of course there are other free and commercial programs available such as *Faces* by Georges Favreau and *Shape* by Eric Dowty. However, *JCrystal* is the only one that also exports webpages and includes a Java applet called *JCrystalApplet*, which can display the created shapes interactively in a webpage. See for example the online mineral database at www.webmineral.com by Dave Barthelmy, who used *JCrystal* to create more than 600 data files and who uses the *JCrystalApplet* extensively on his website. All data files used for this volume were created by Dave Barthelmy and Udo Behner (http://www.kristallzuechtung.de/galerie.htm).

*Steffen Weber, Ph.D.*
*December 11, 2004*
*Livermore, California*
*www.jcrystal.com/steffenweber*
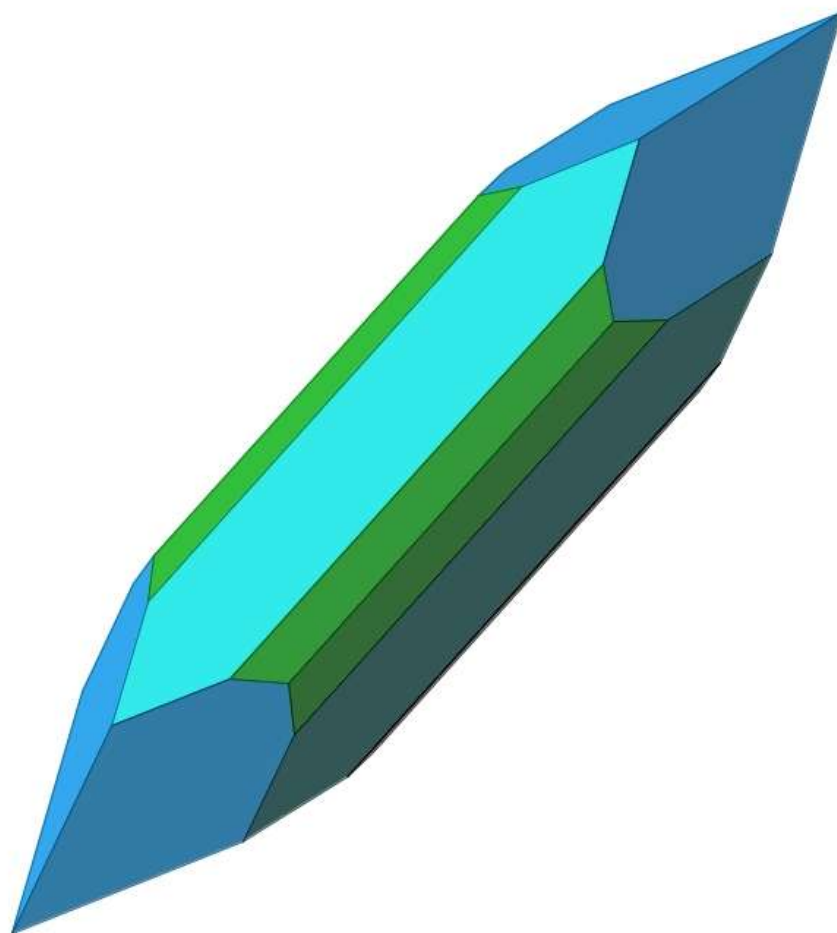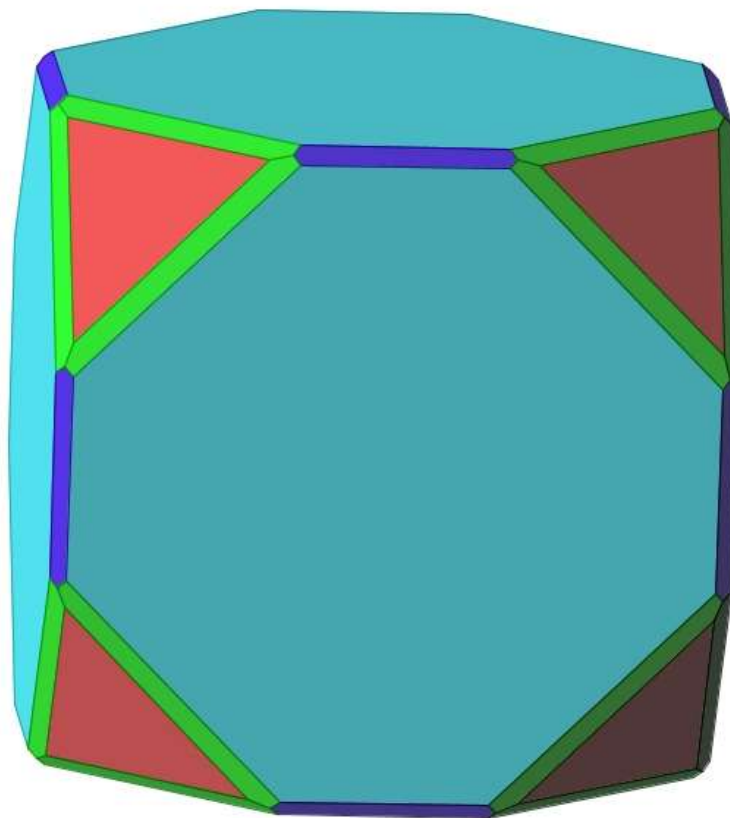
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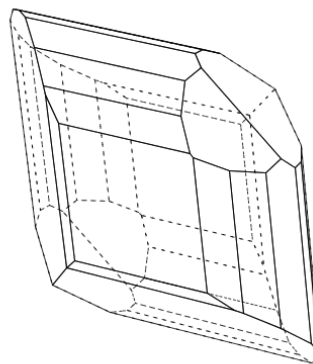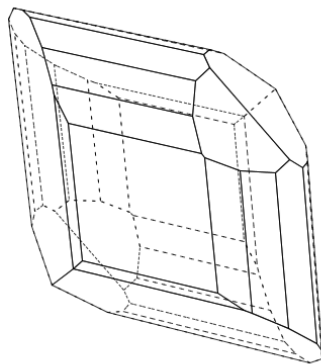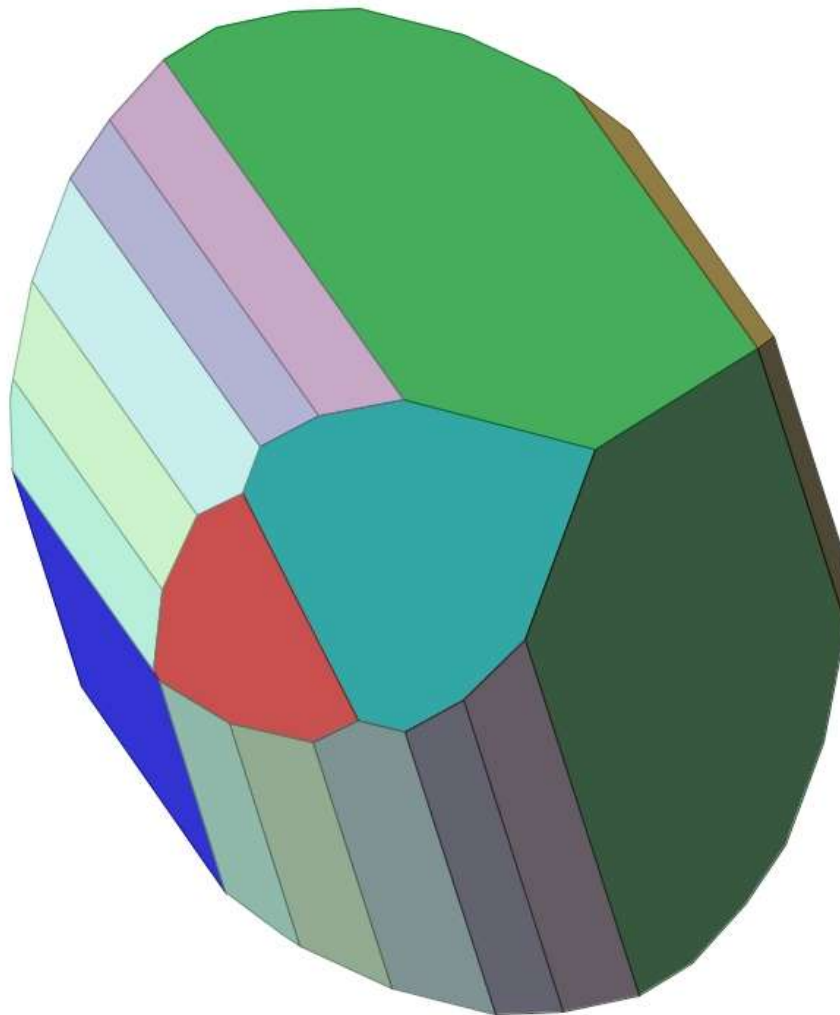
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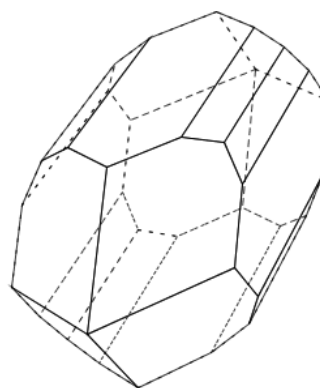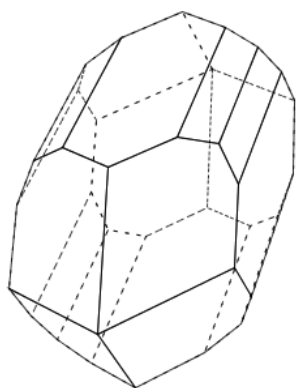
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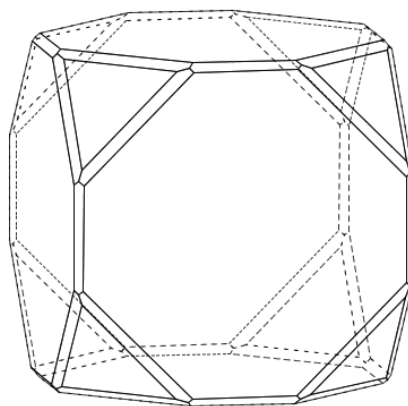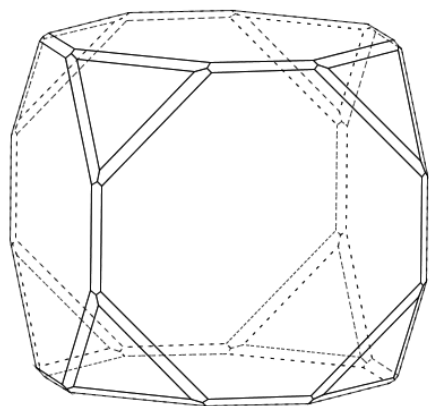
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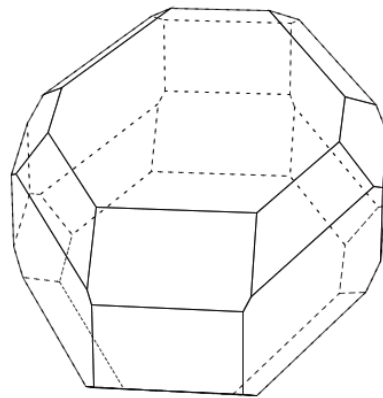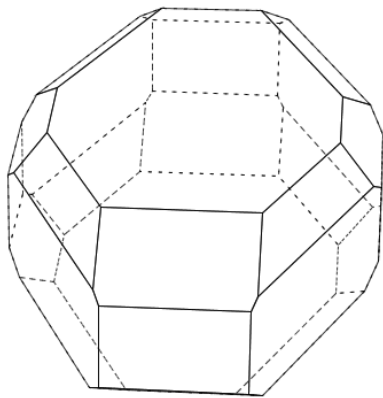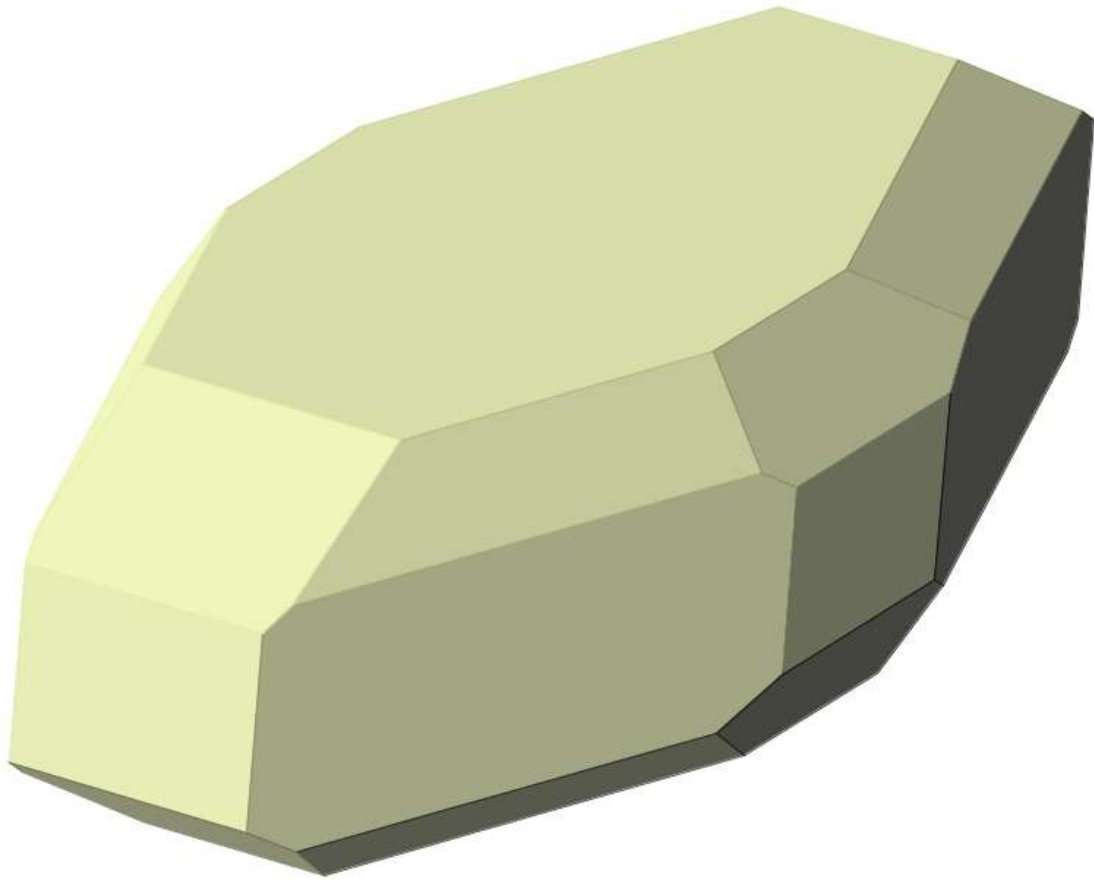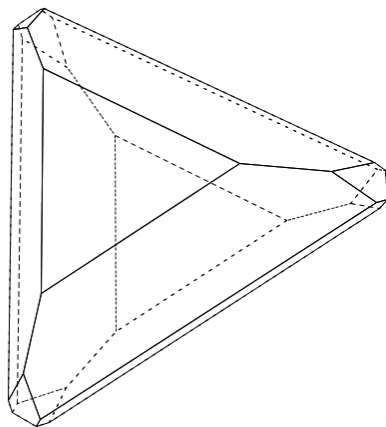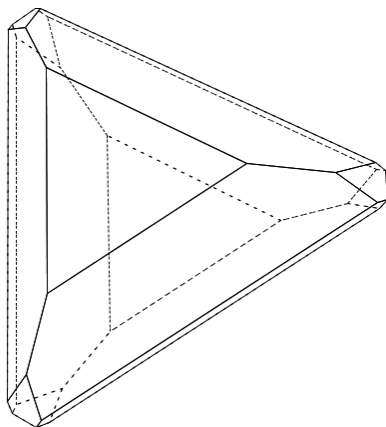
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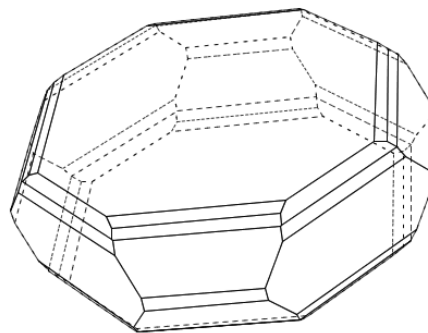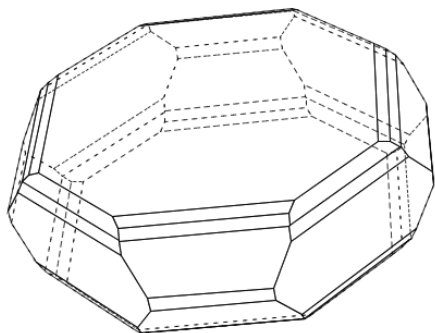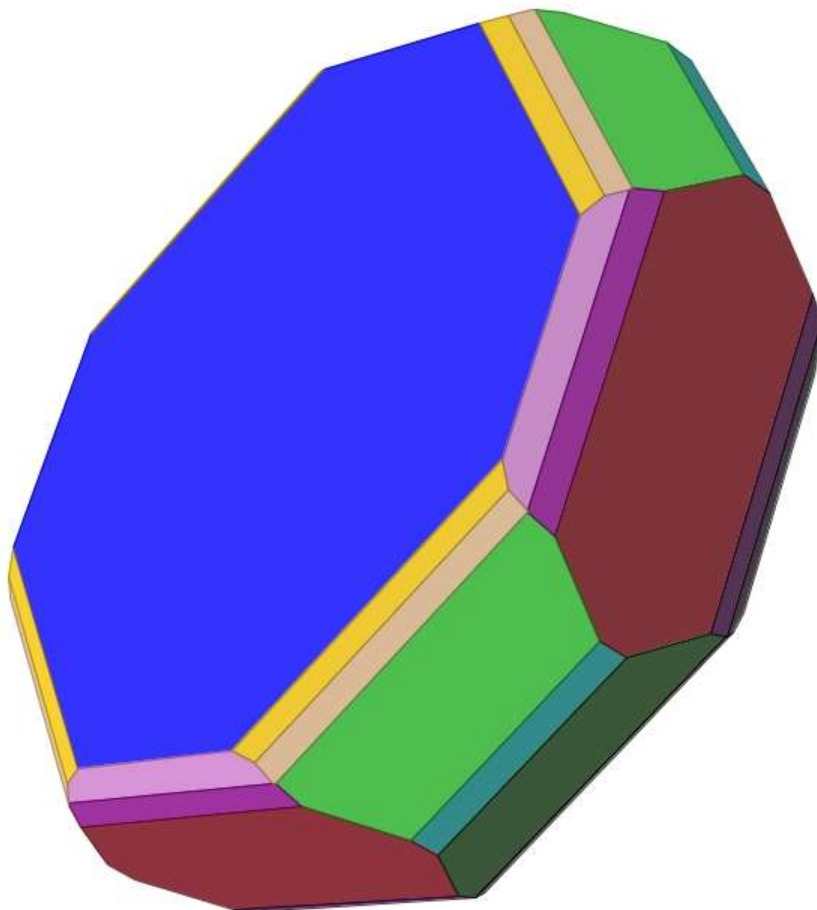
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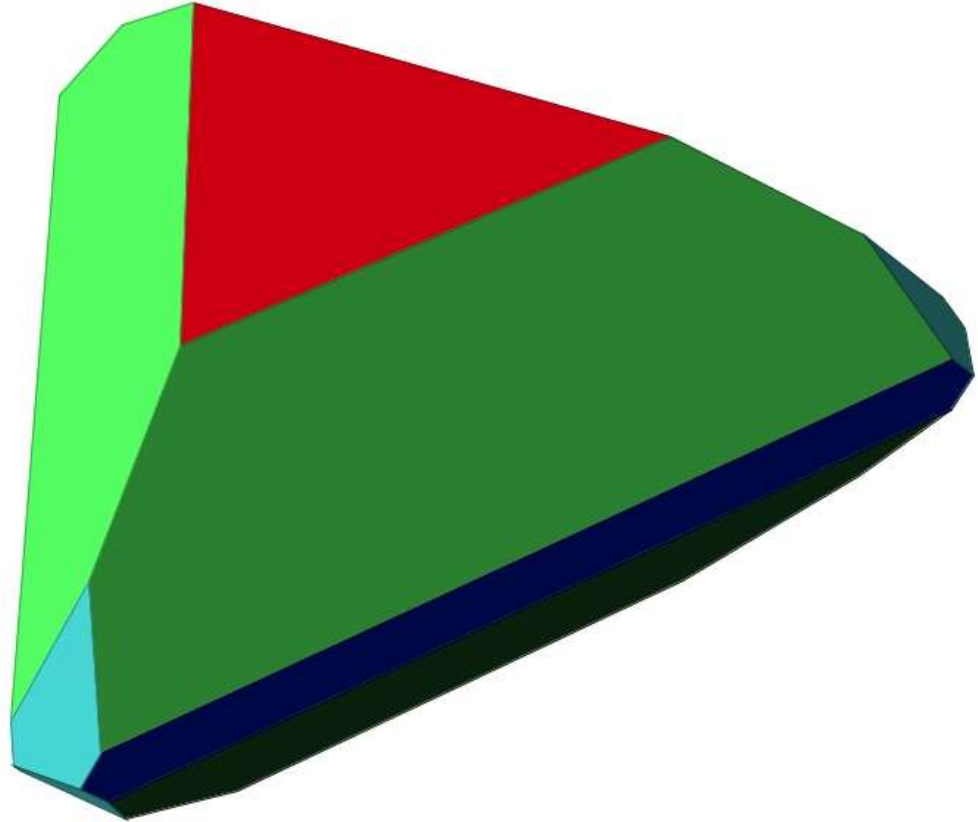
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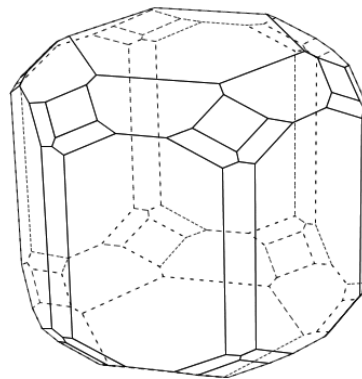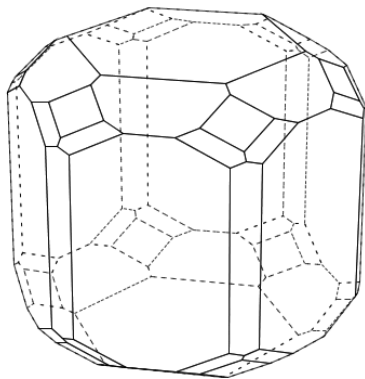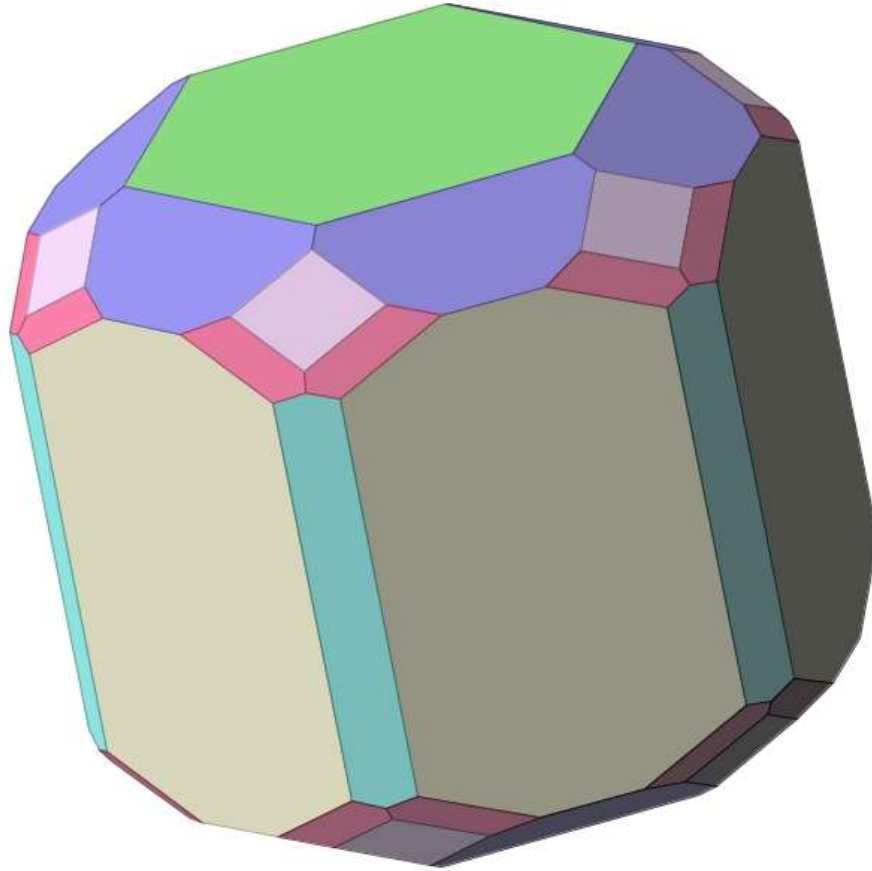
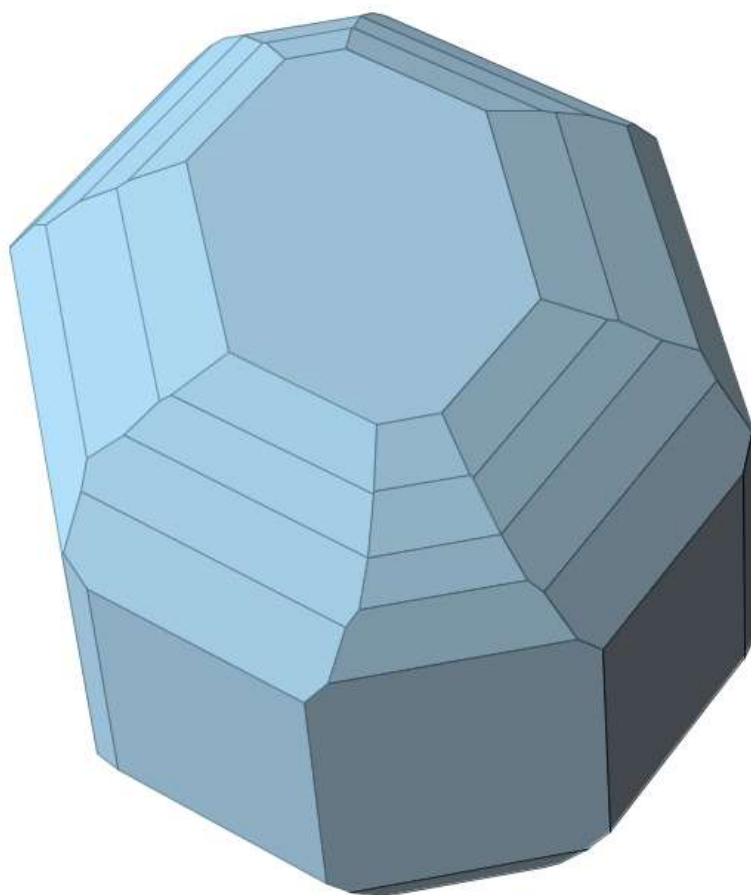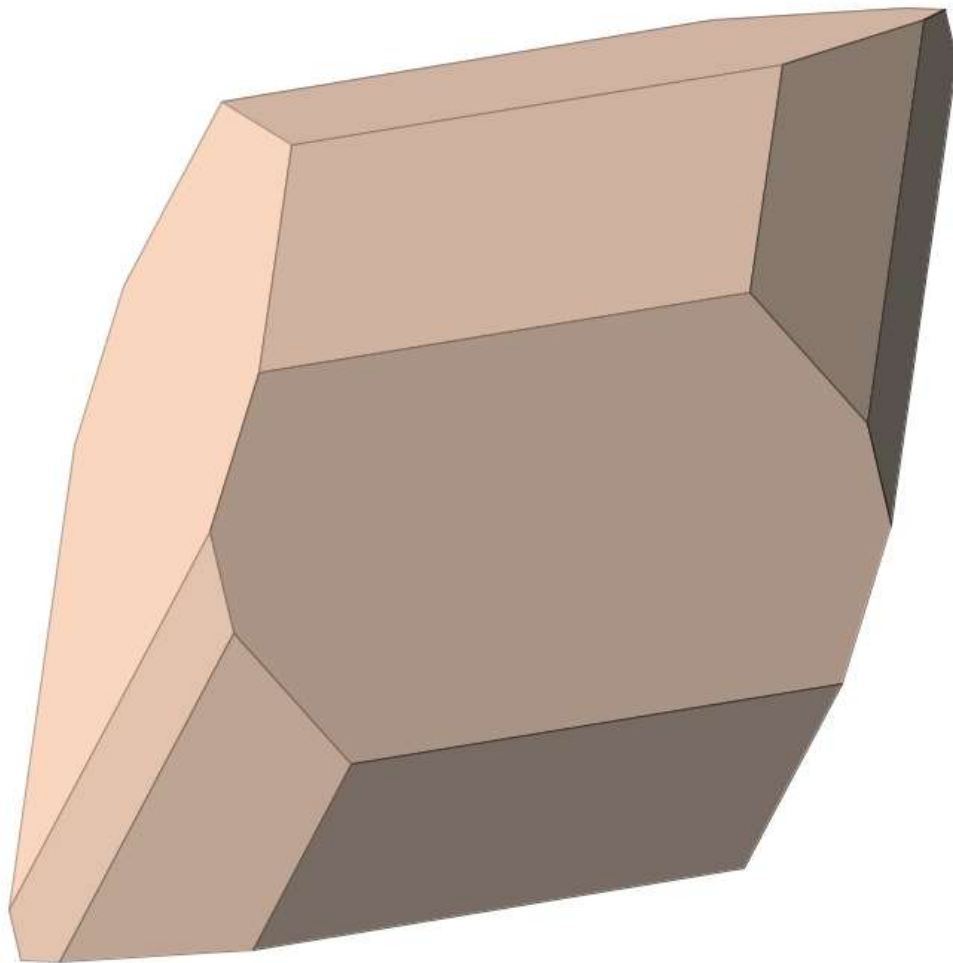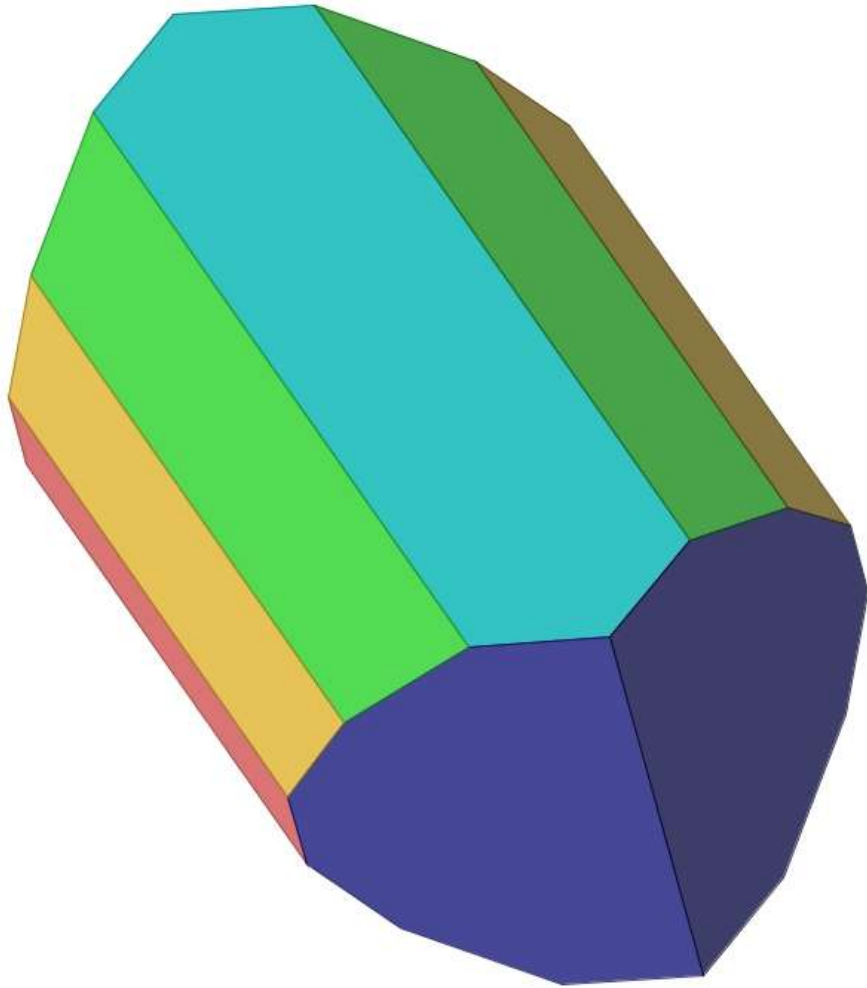# *Beryllonite*
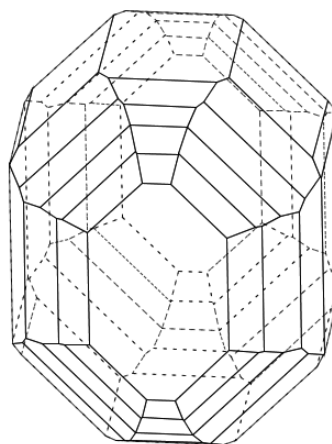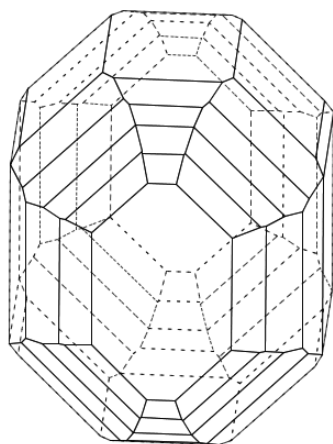
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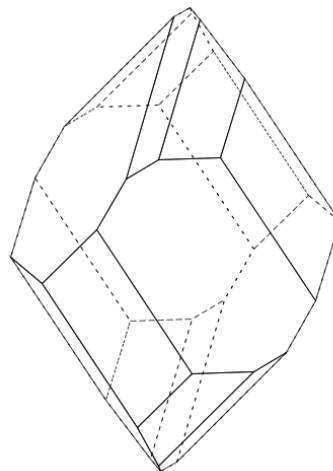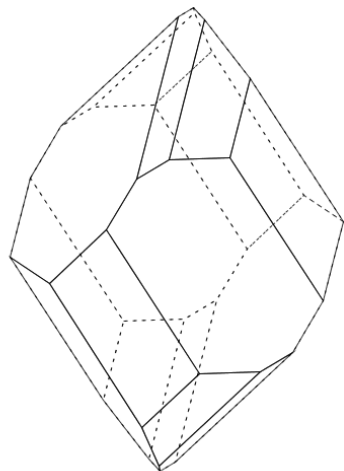
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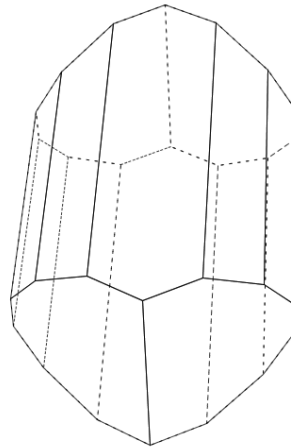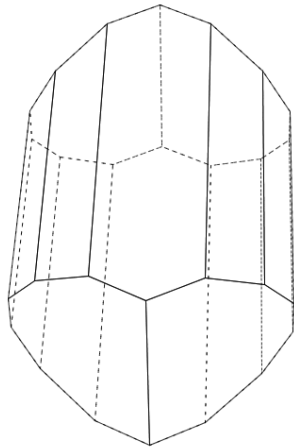
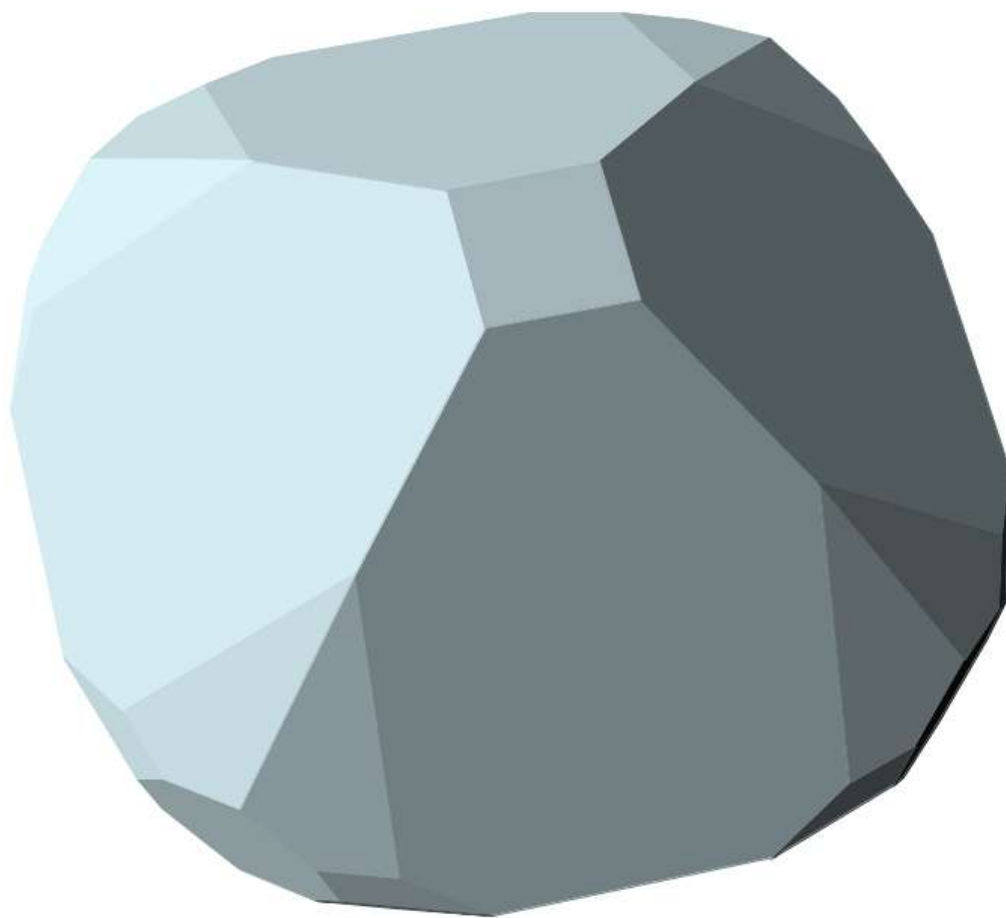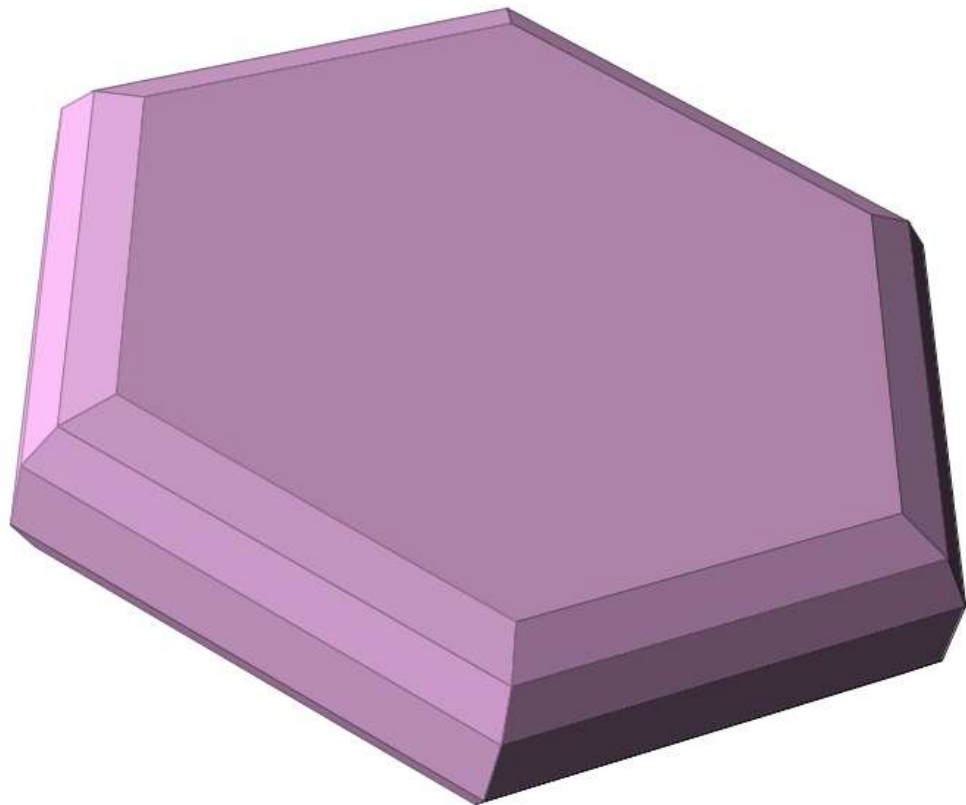# *Braunite*
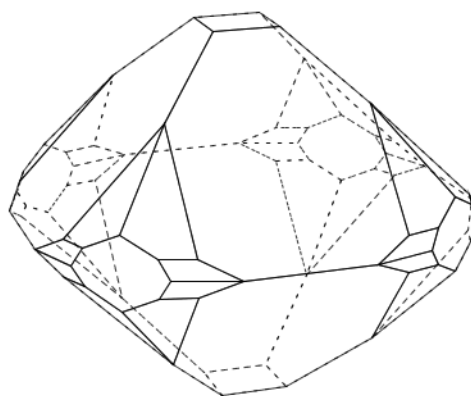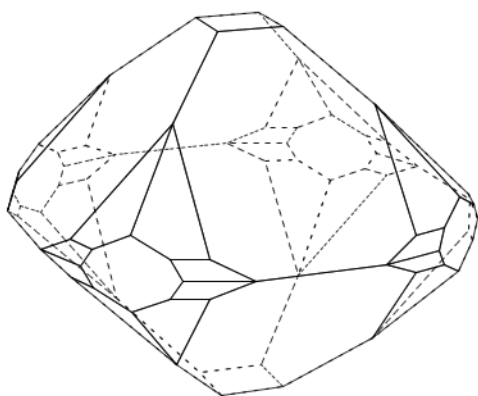
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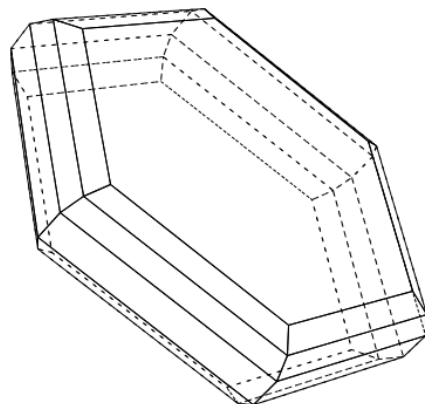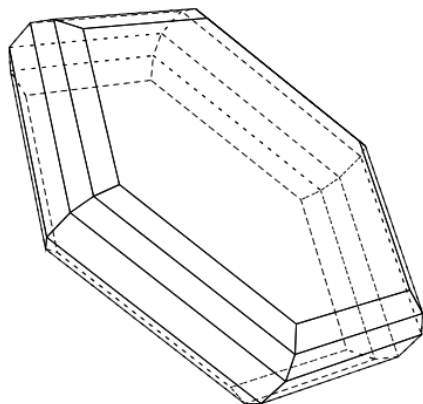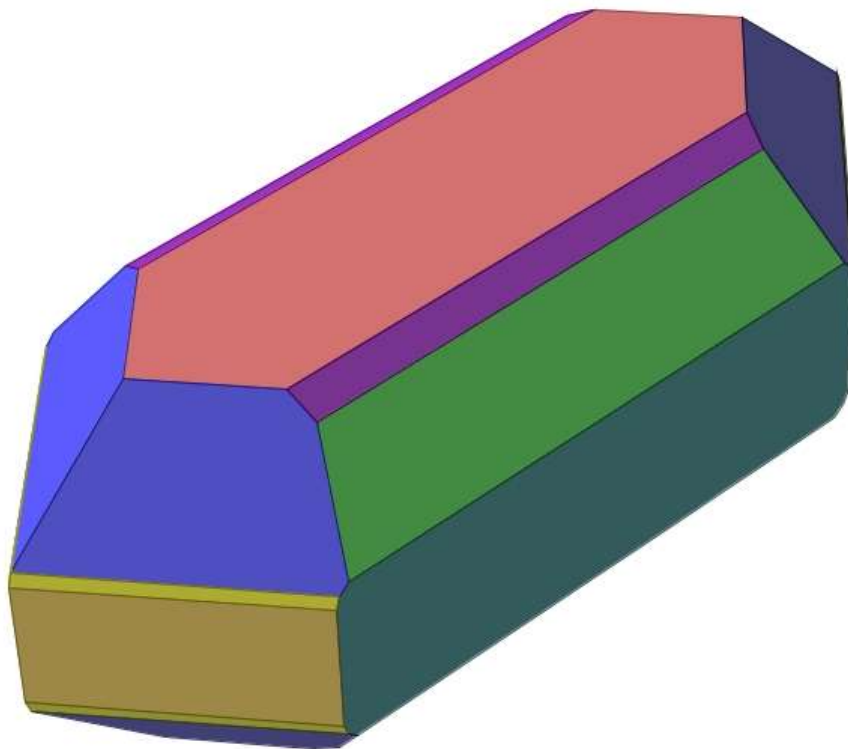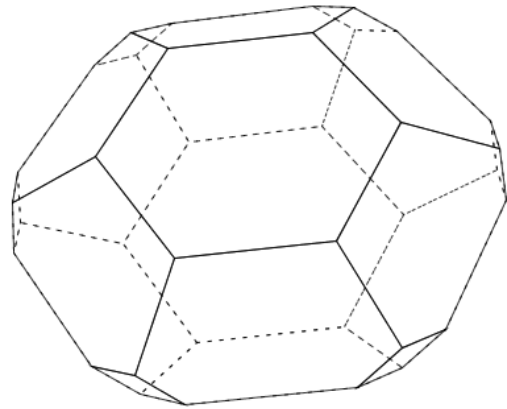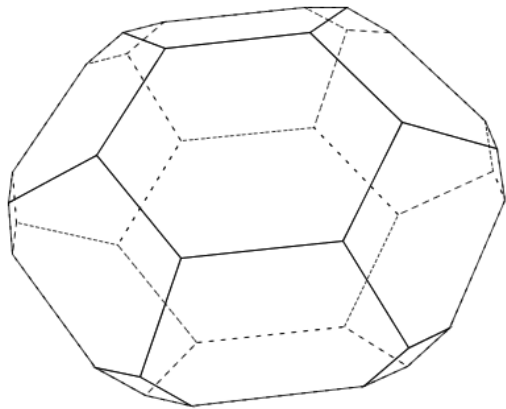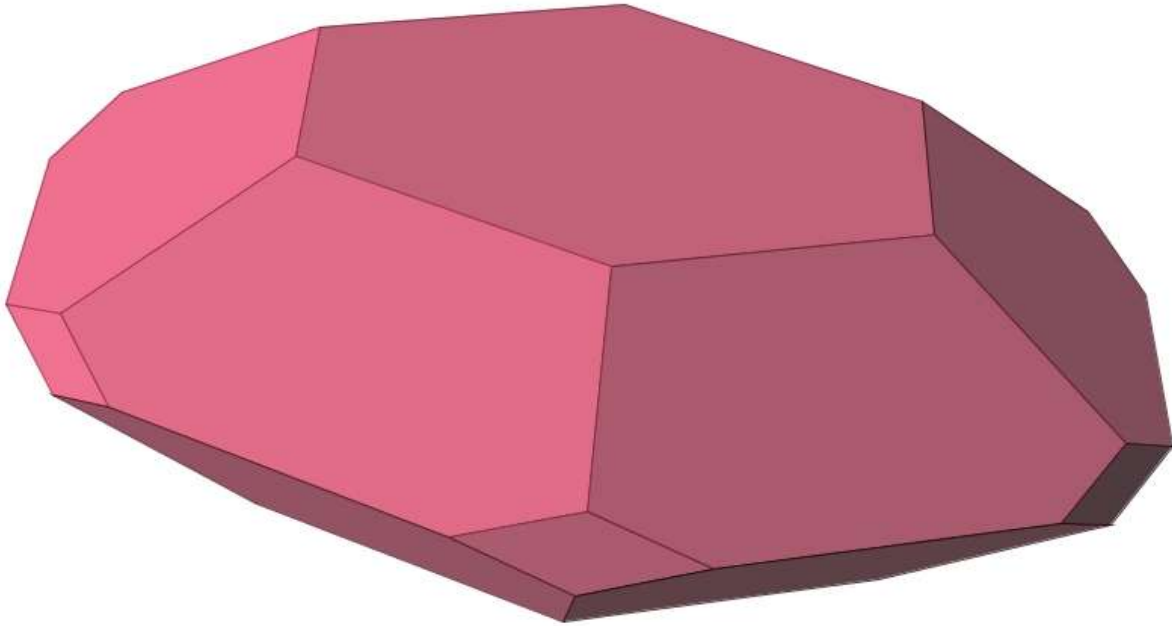
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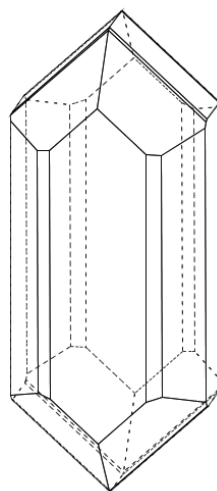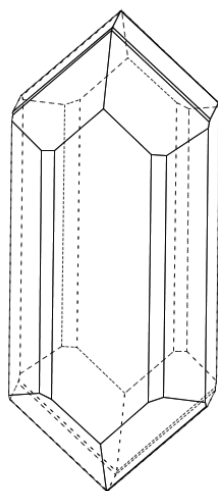
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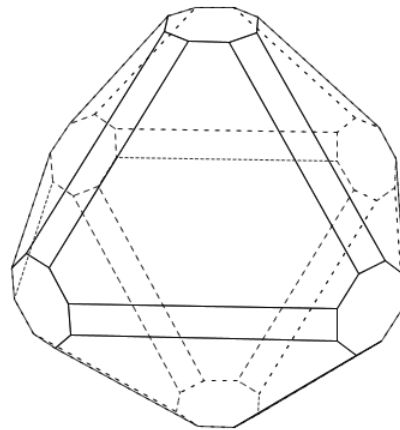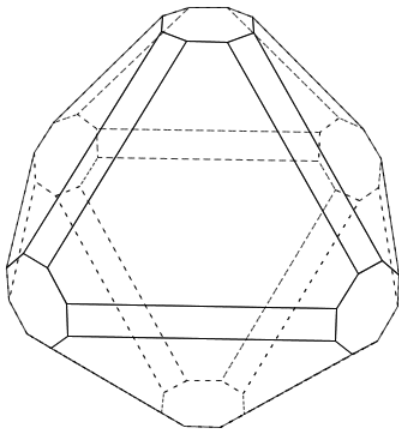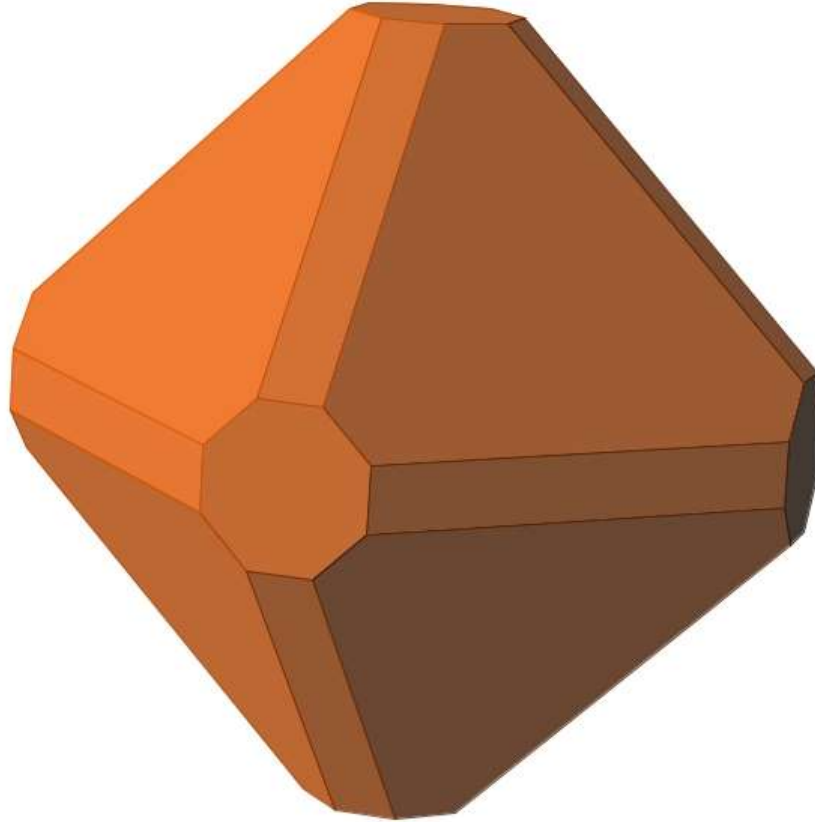
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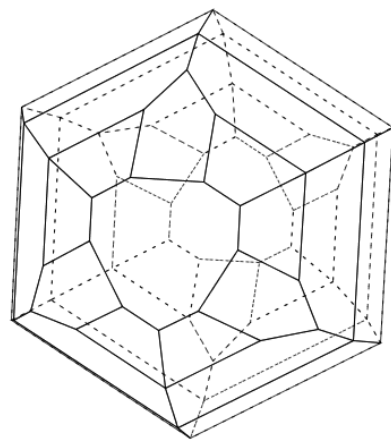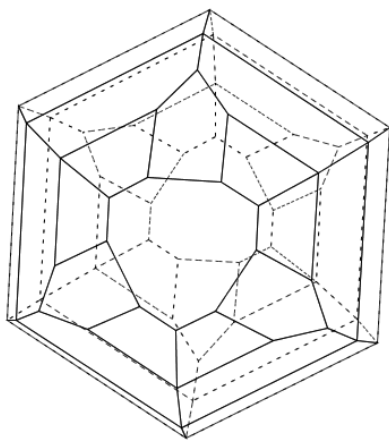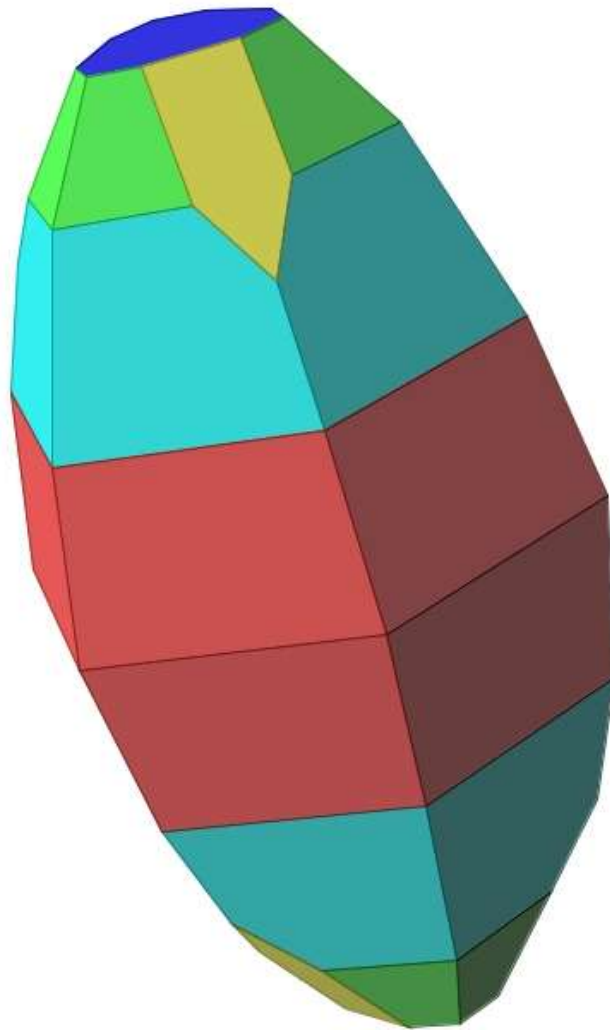
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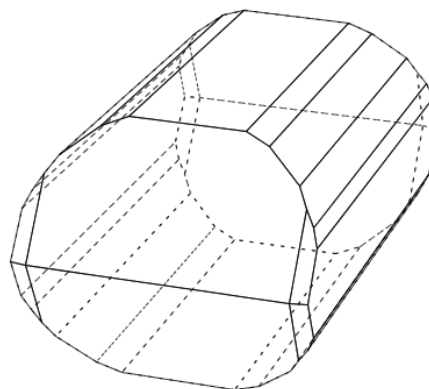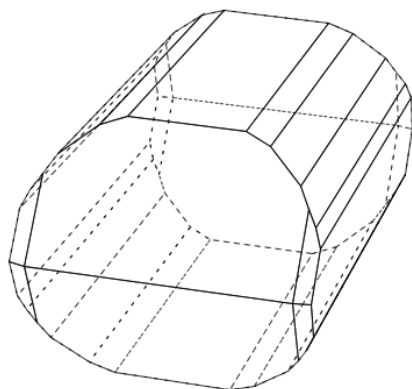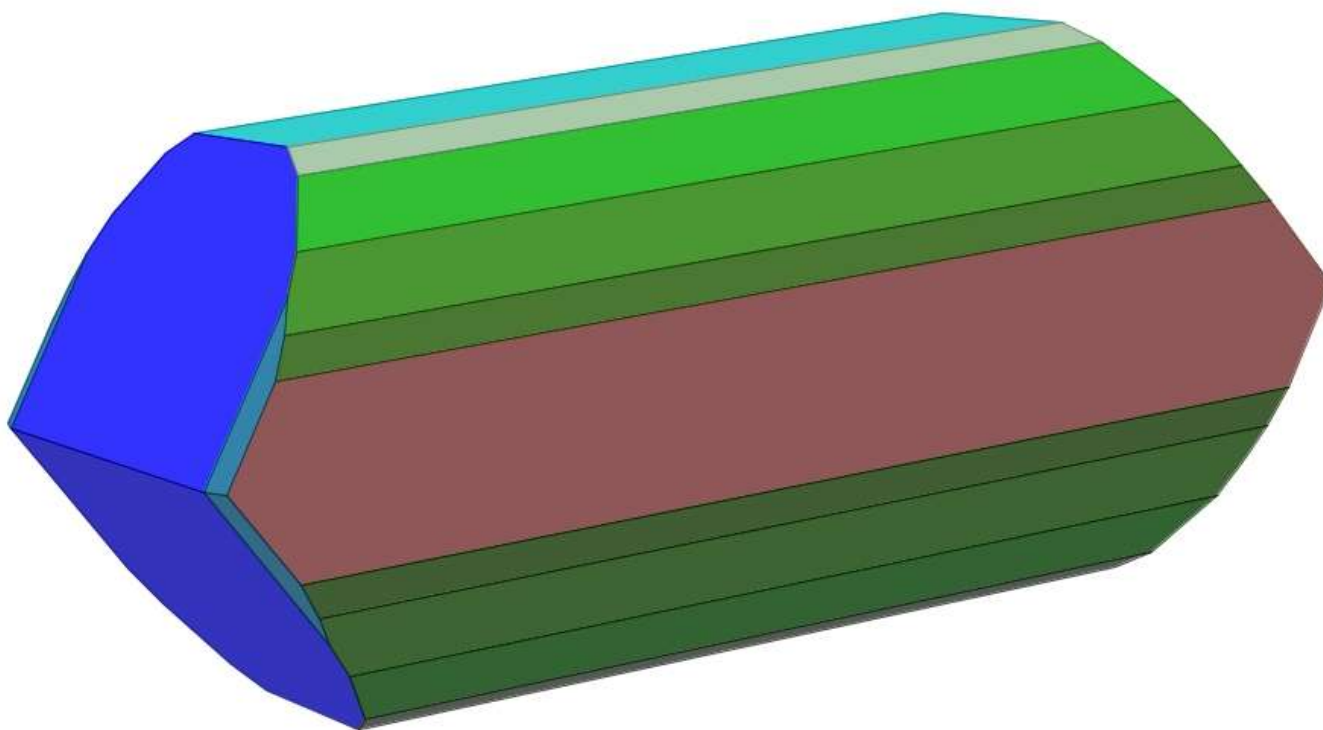
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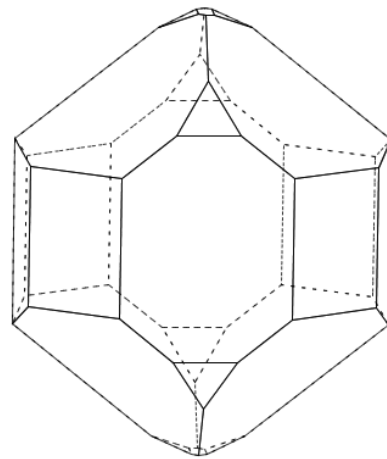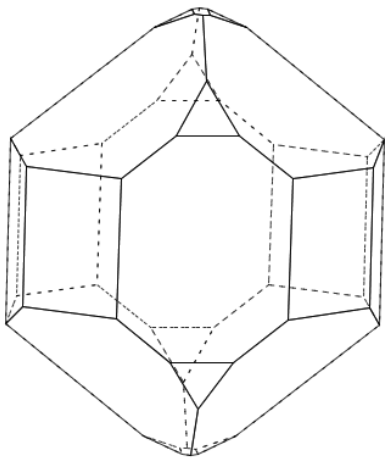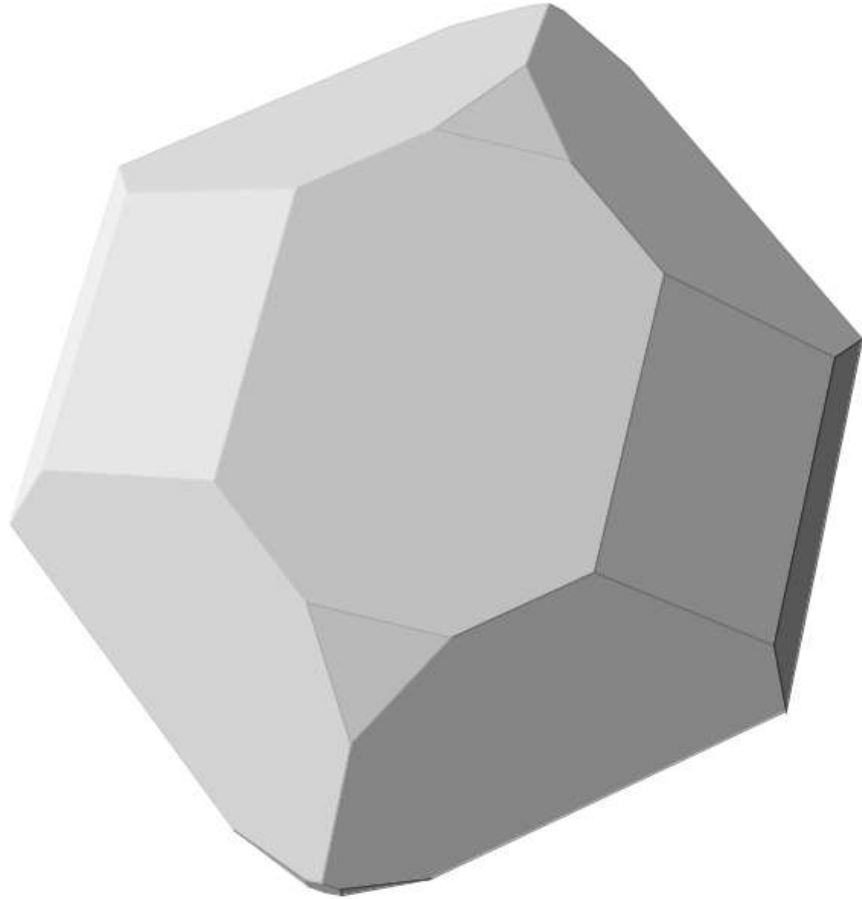
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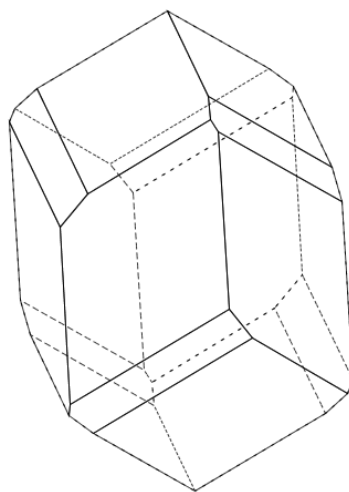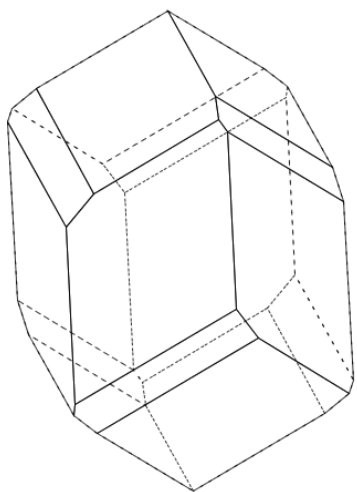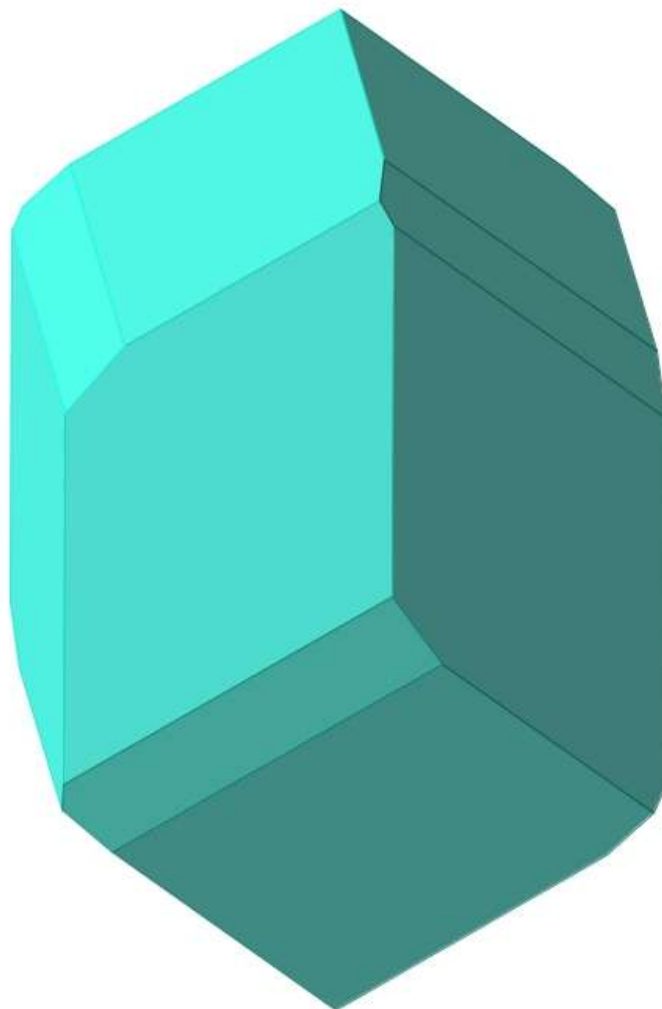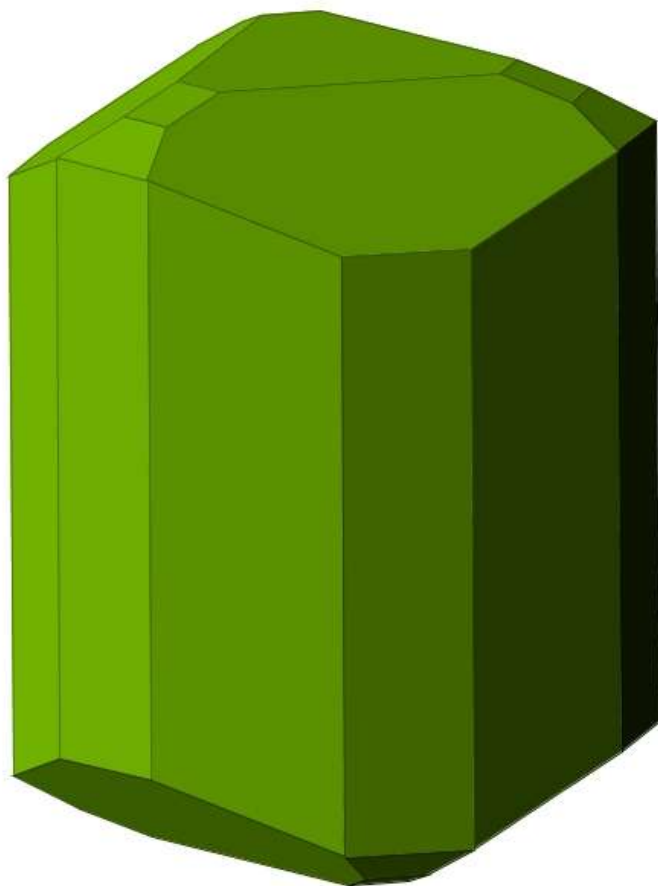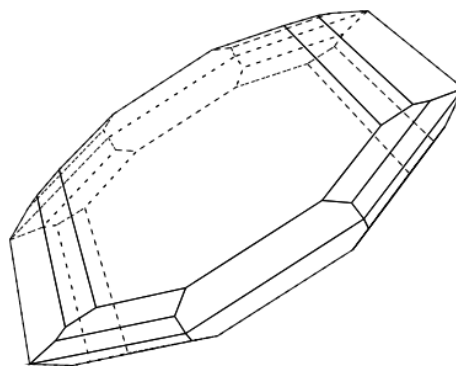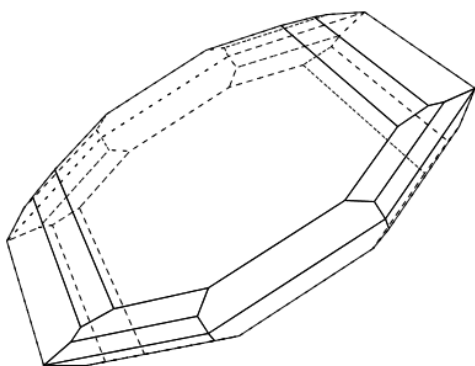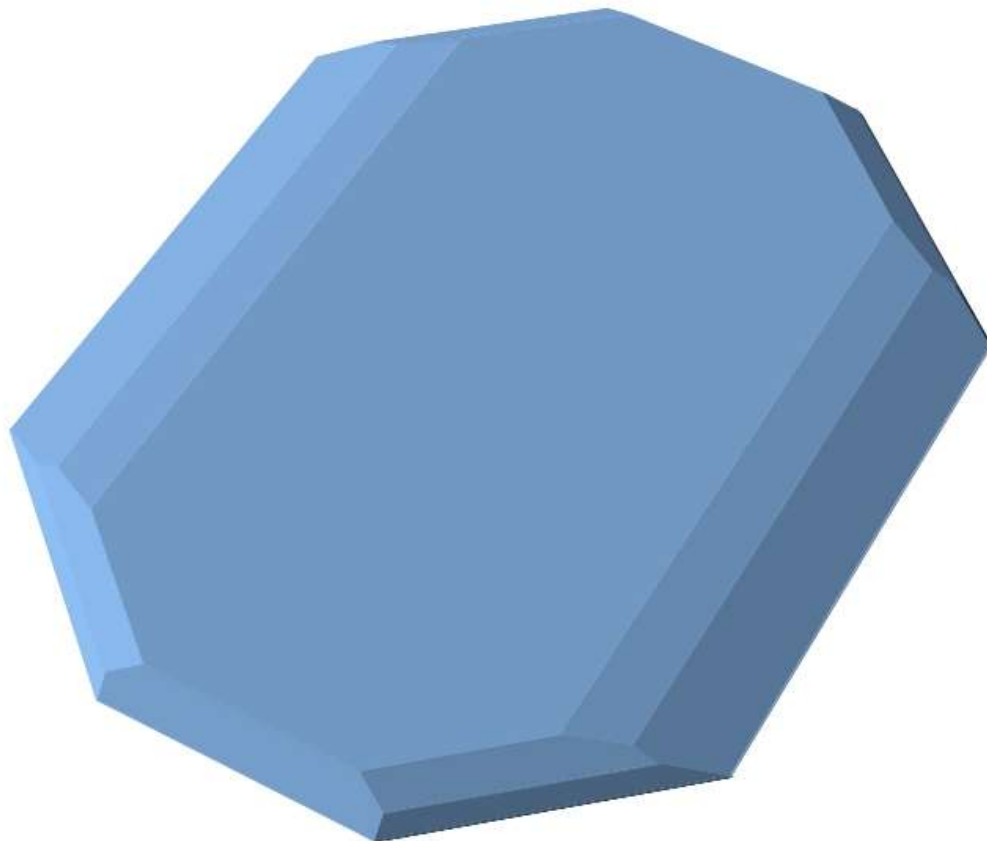
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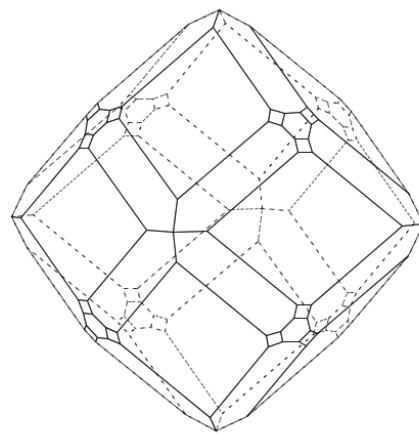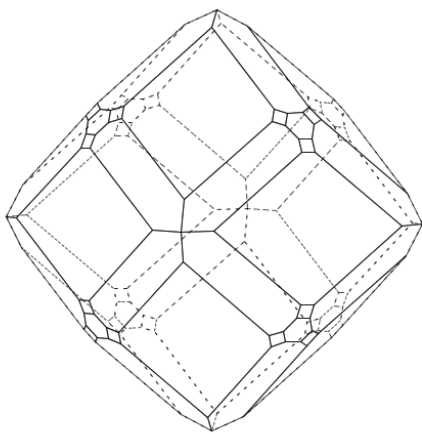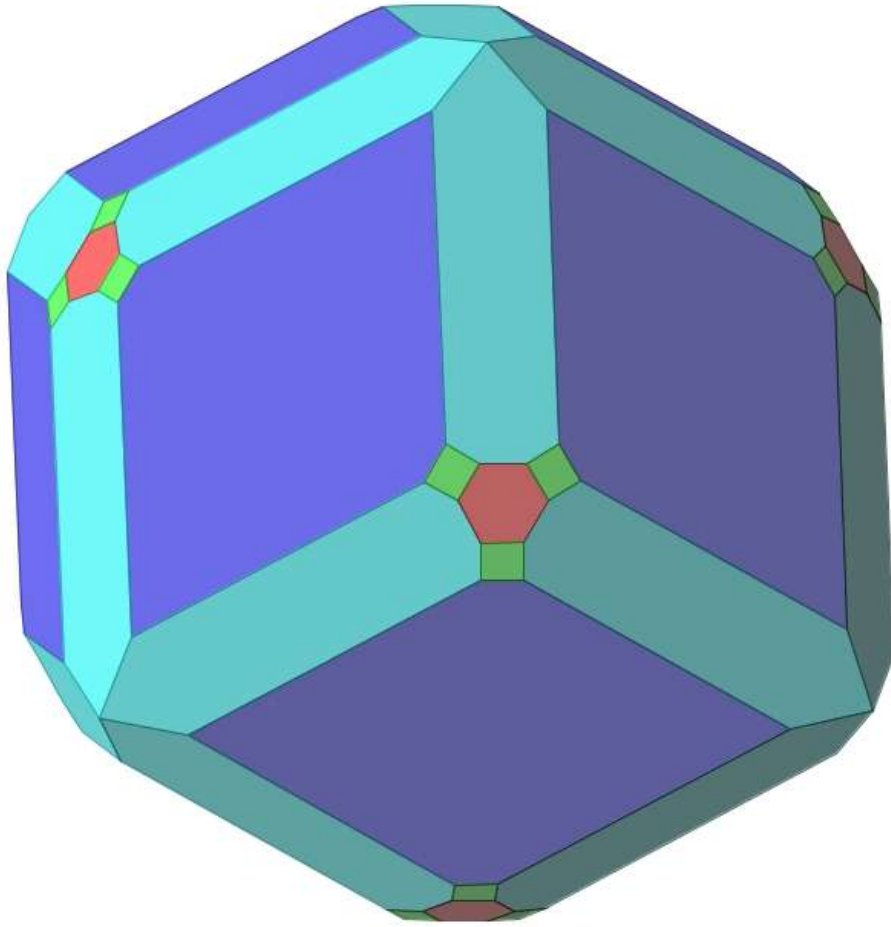
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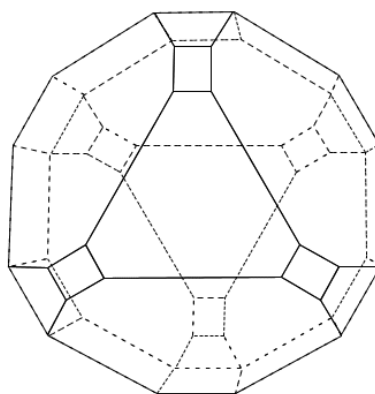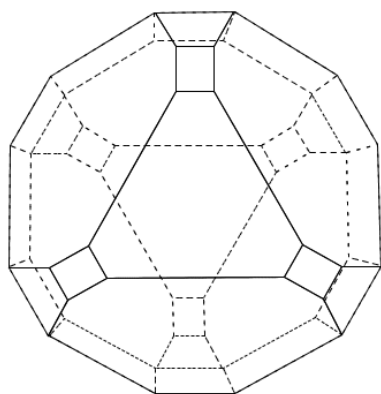
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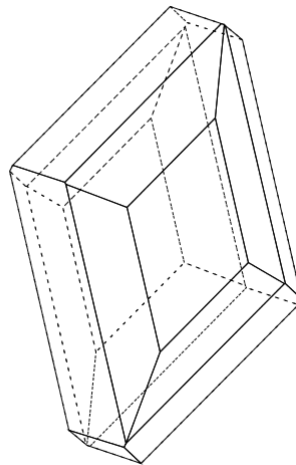# *Fuloppite*
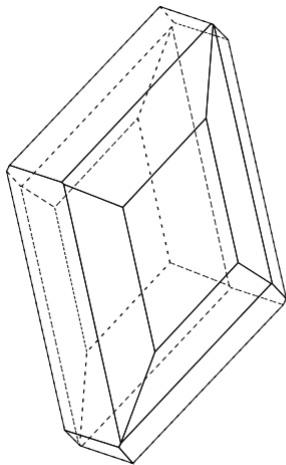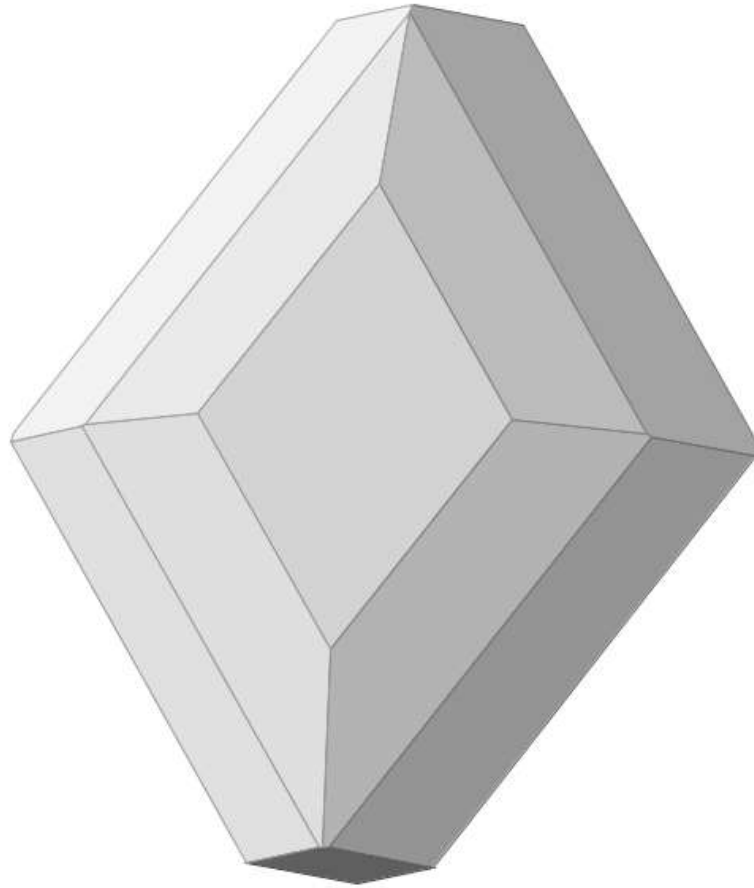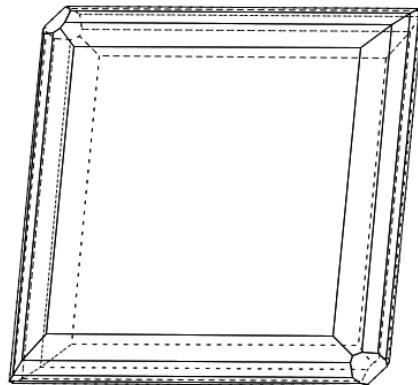
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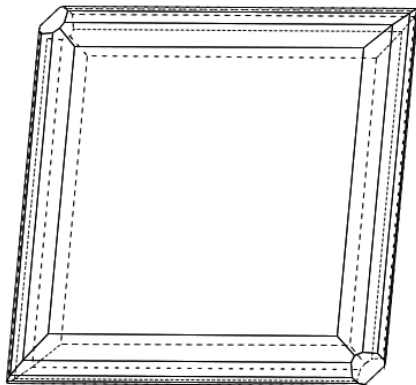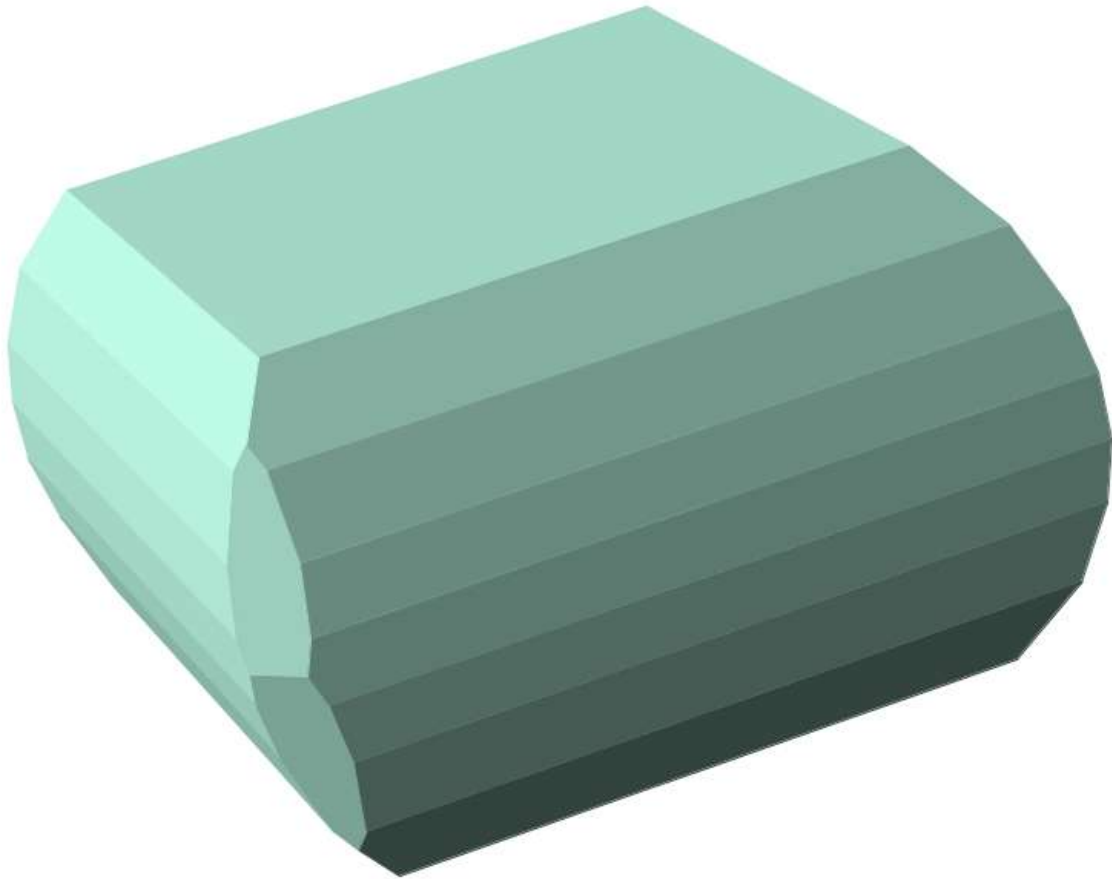
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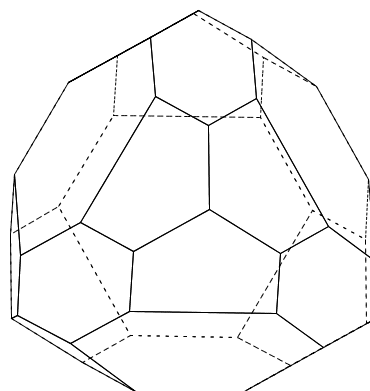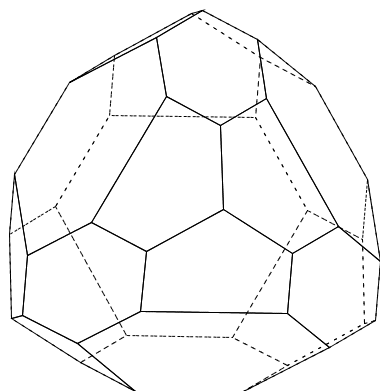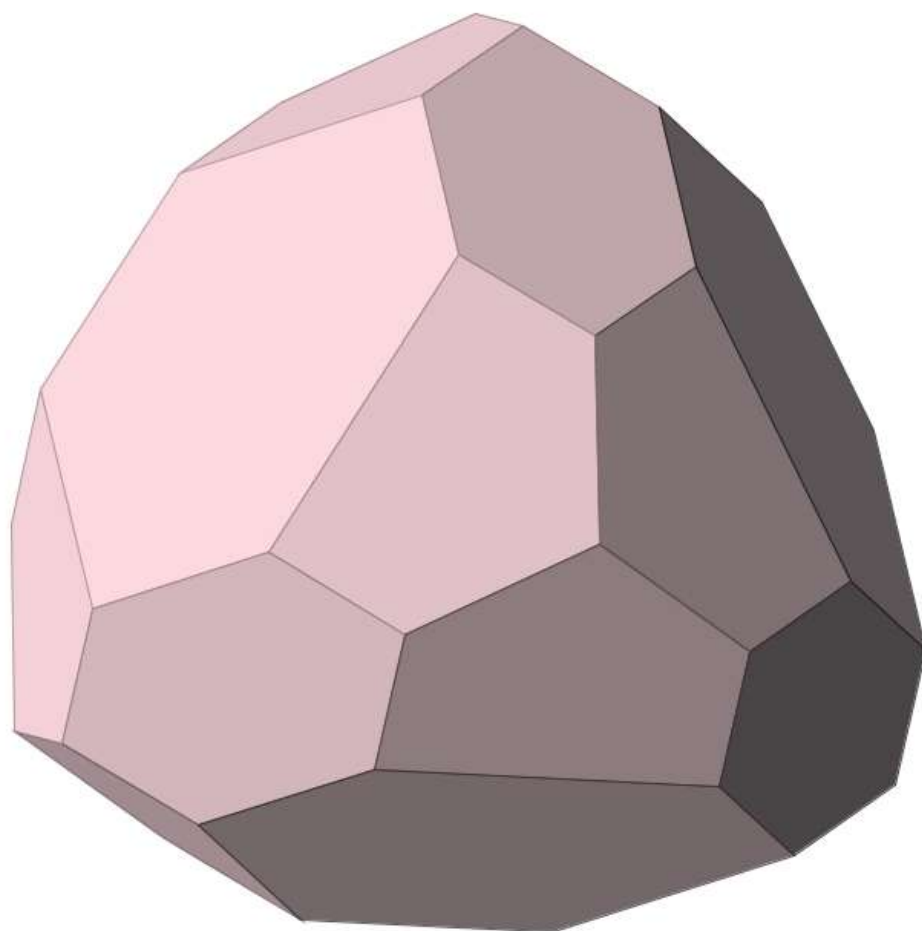
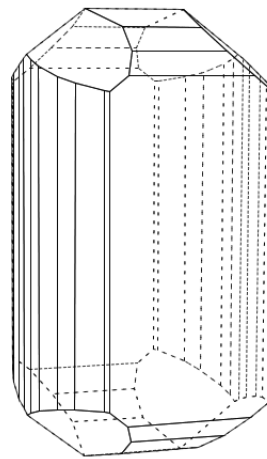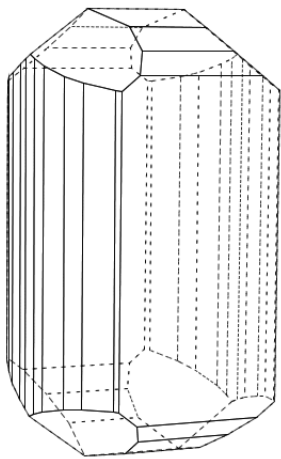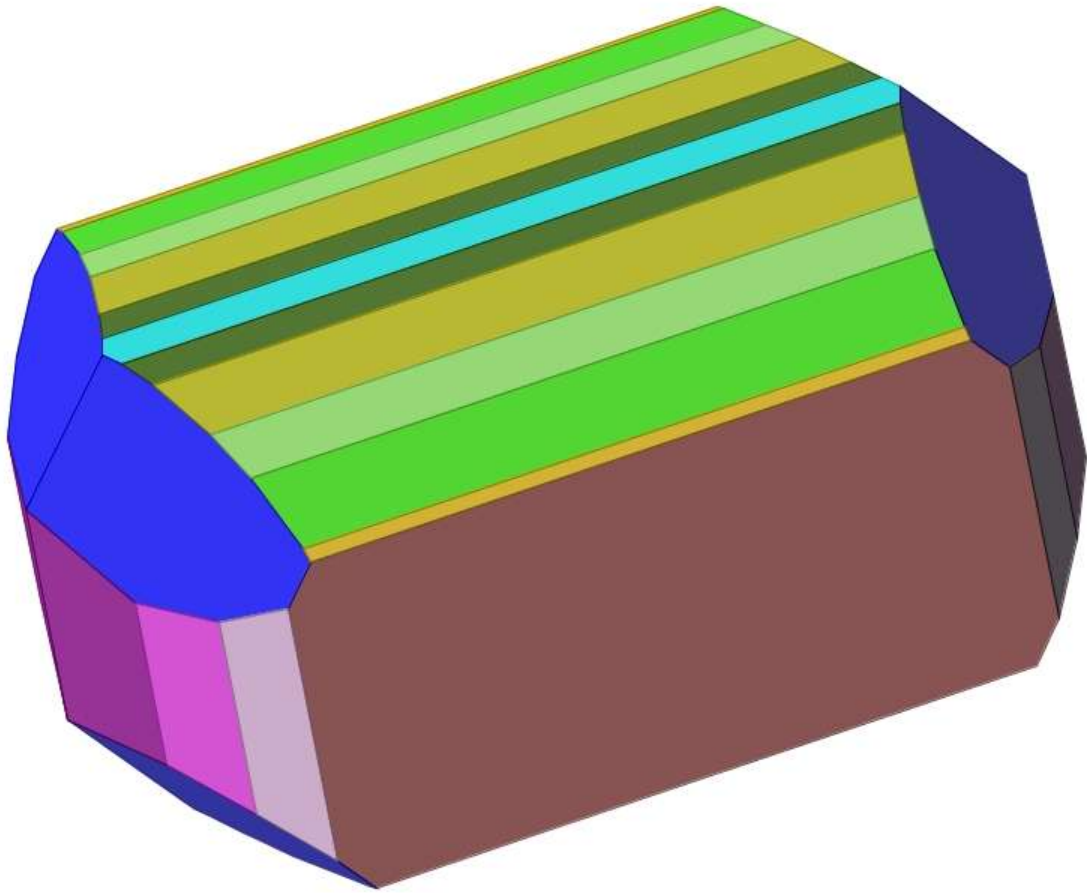# Greenockite
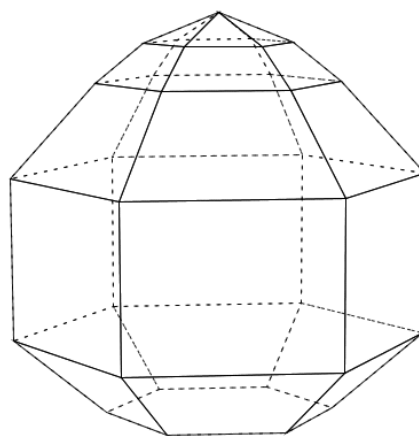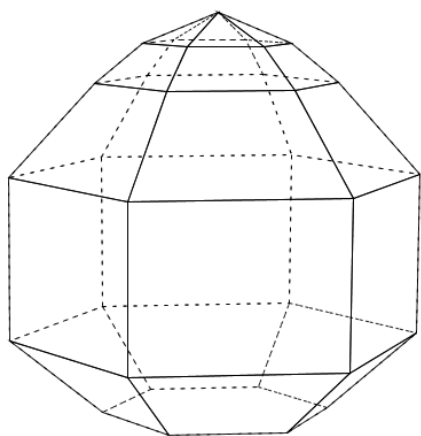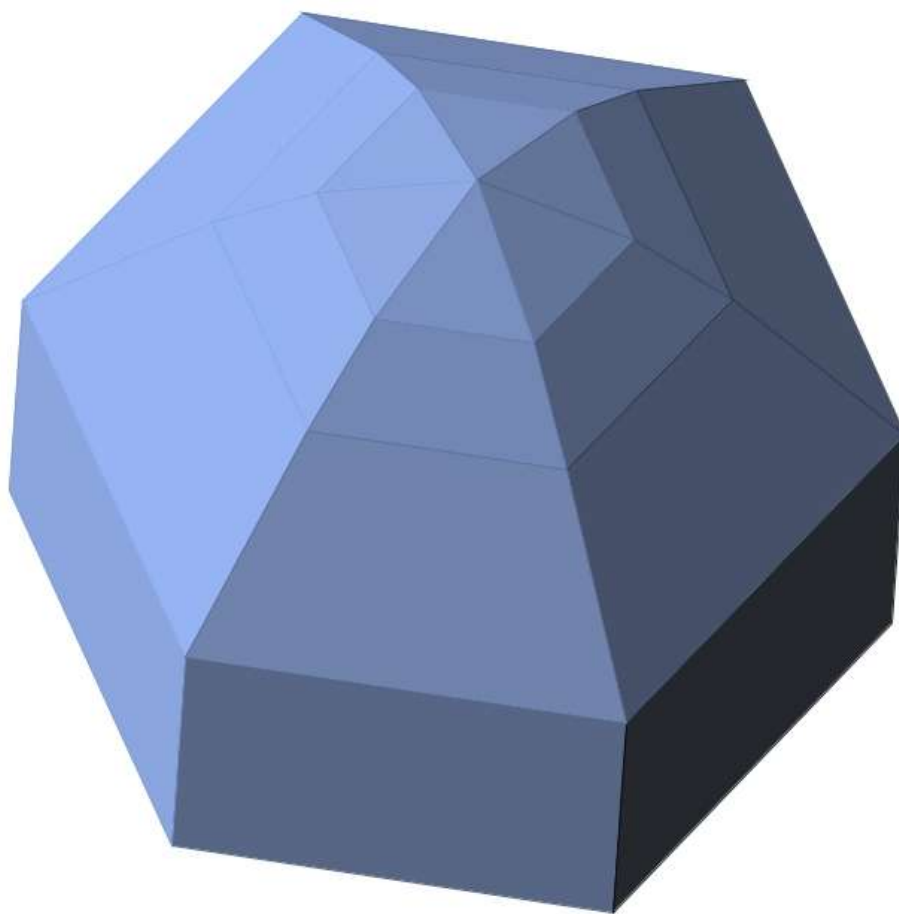
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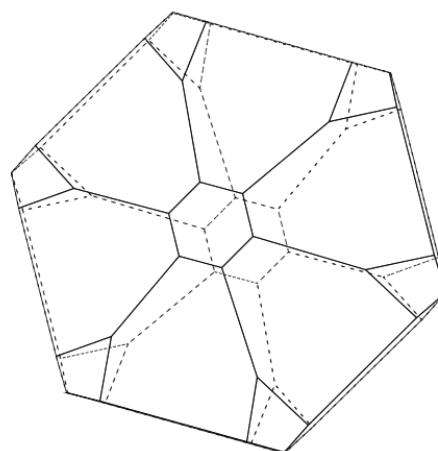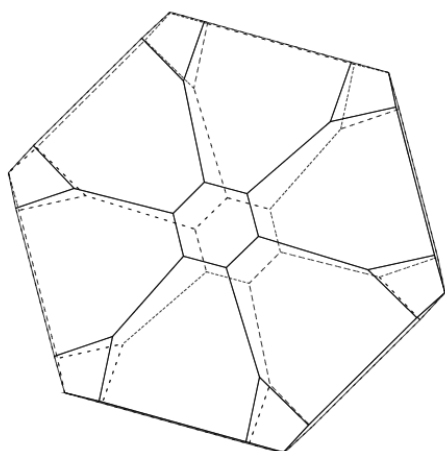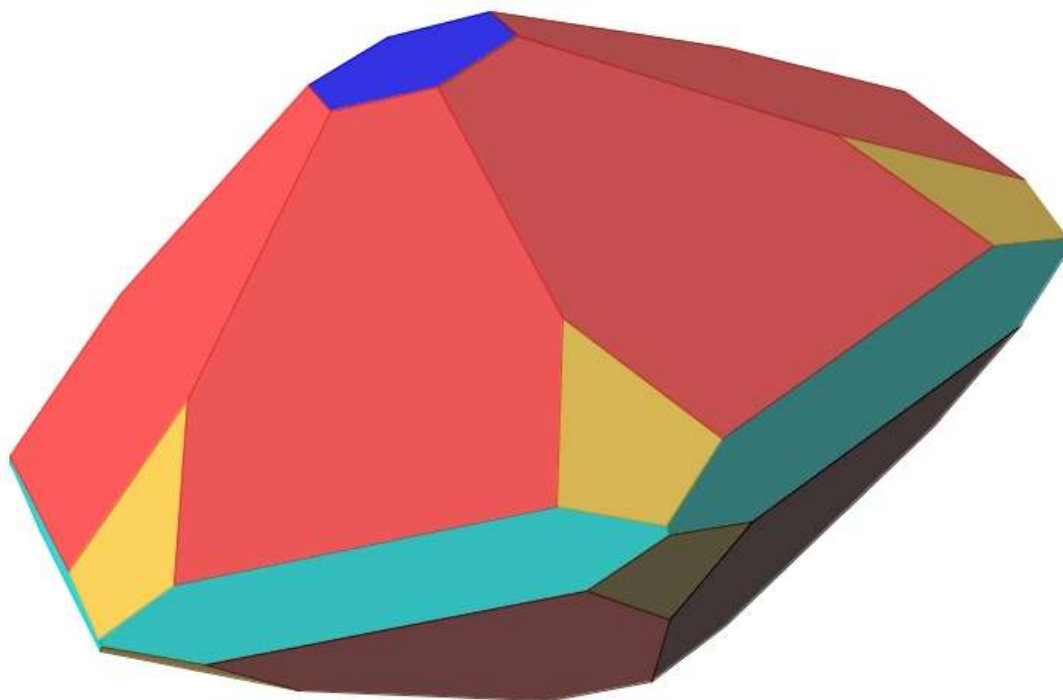
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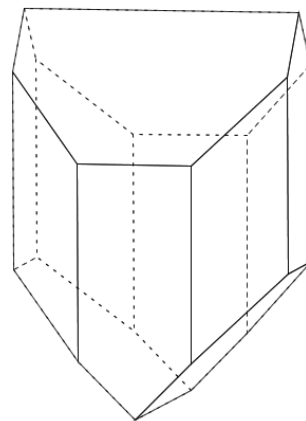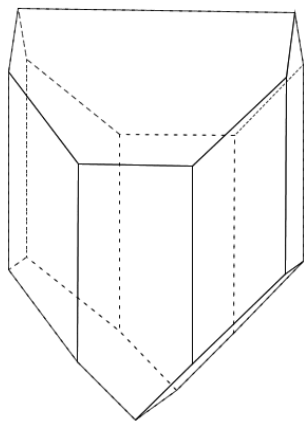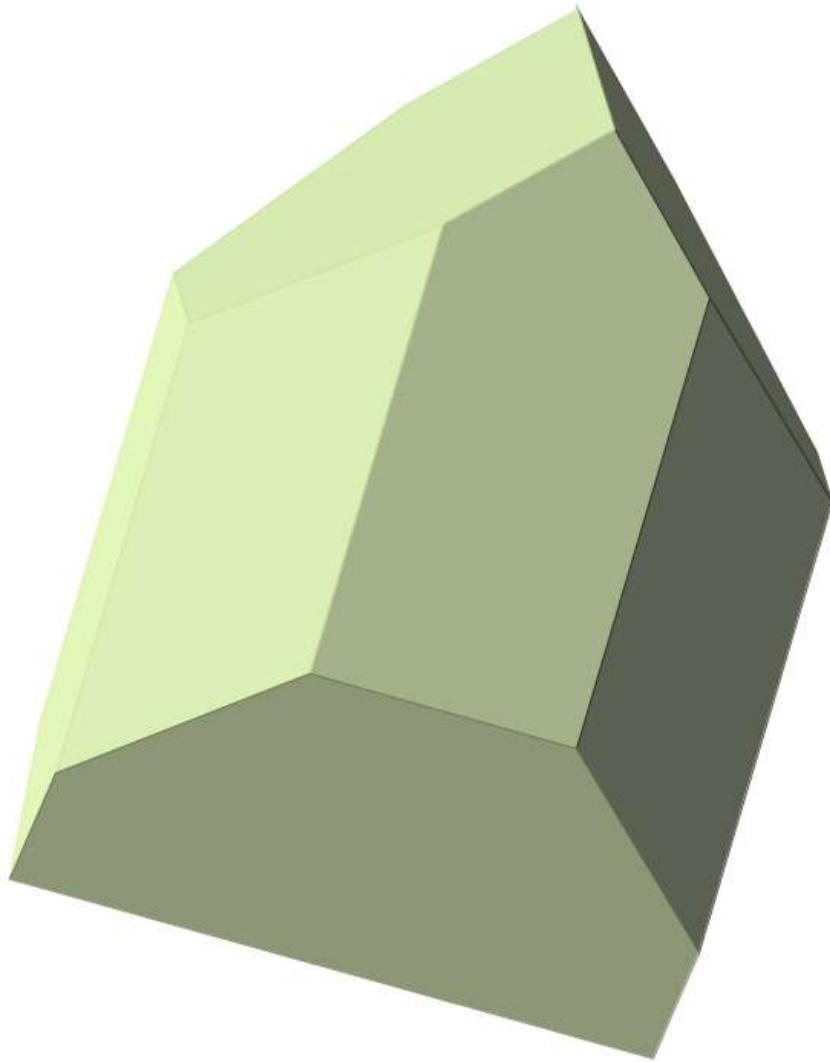
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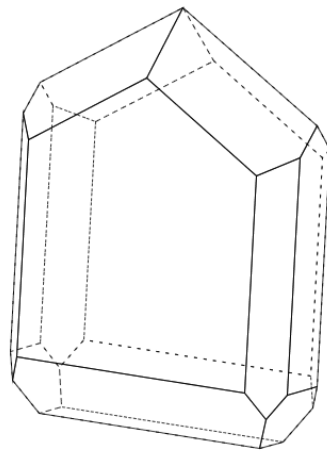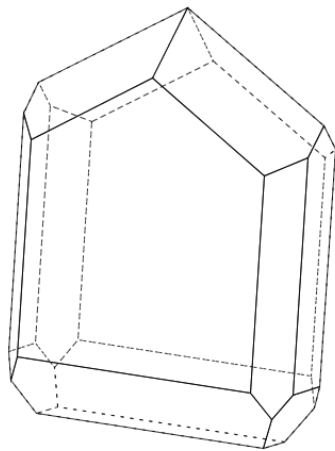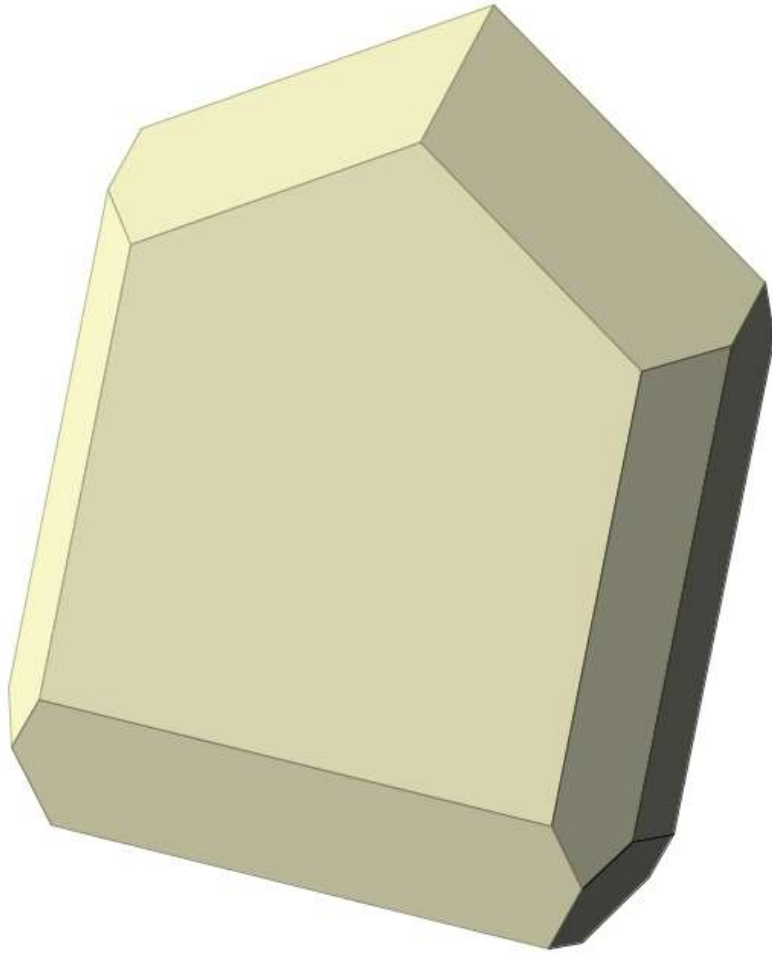
# Hutchinsonite

# Krennerite
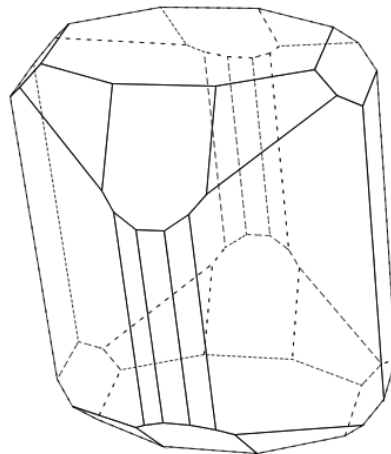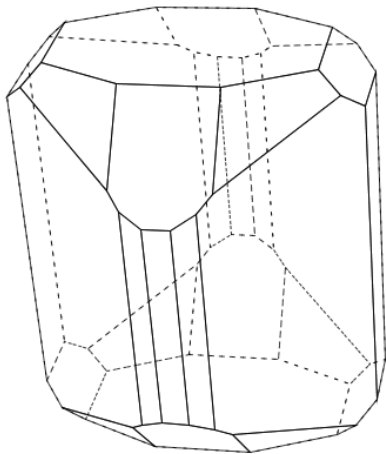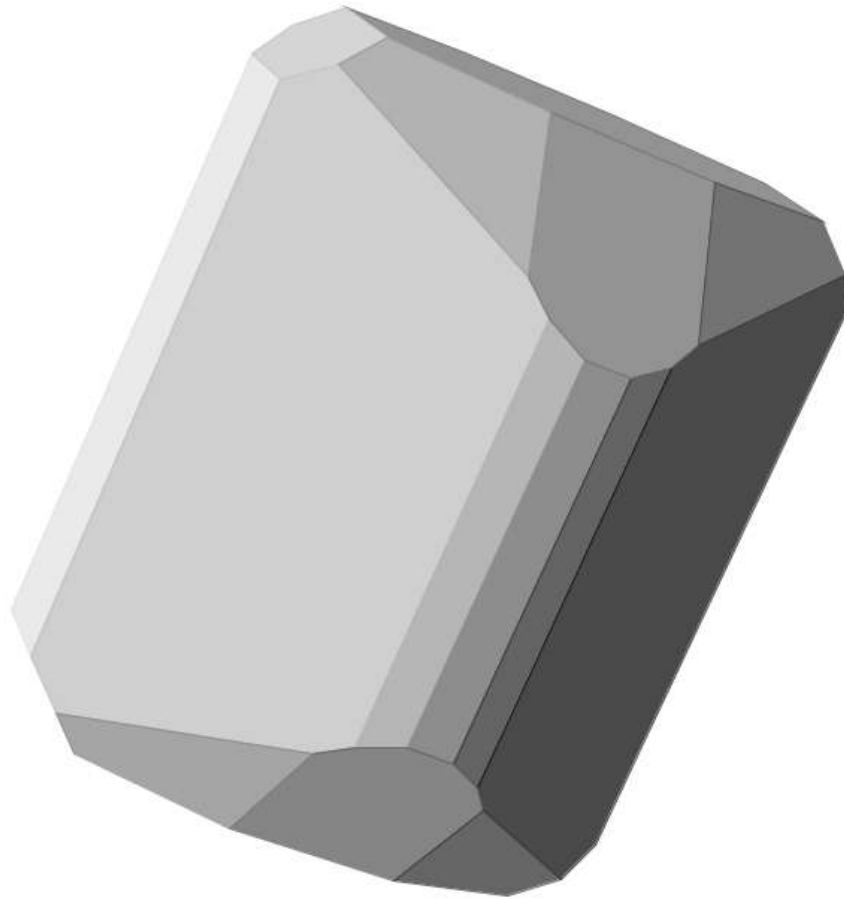
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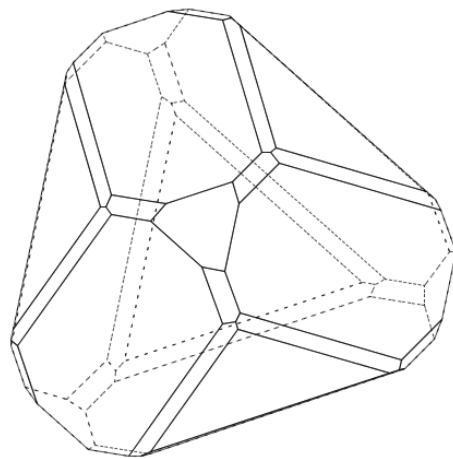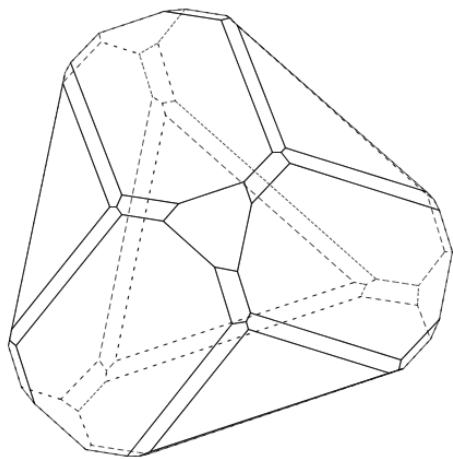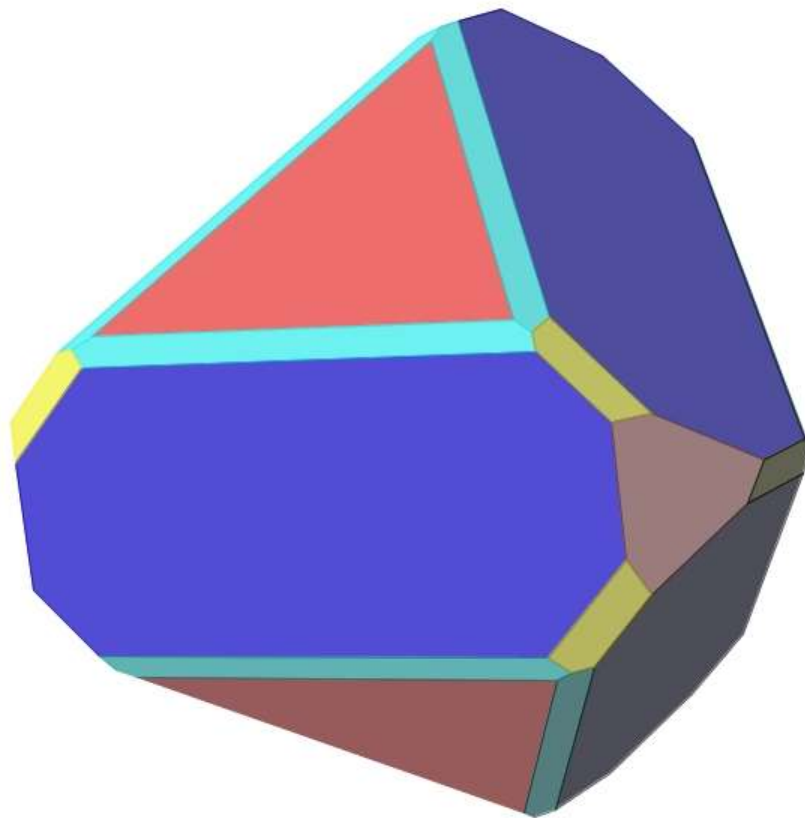
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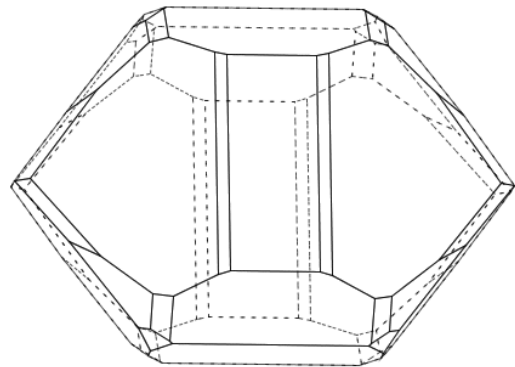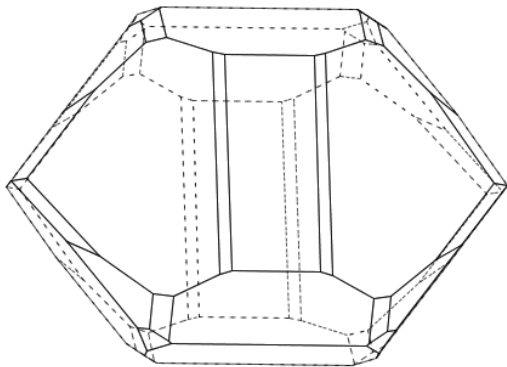
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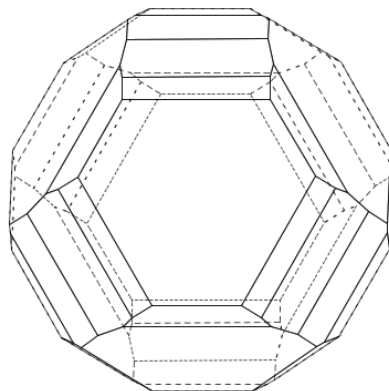
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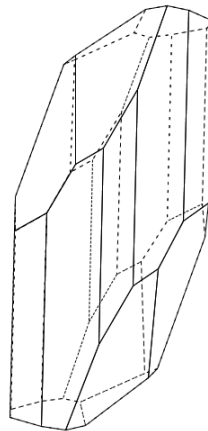
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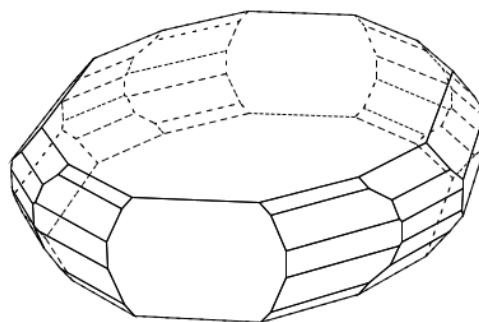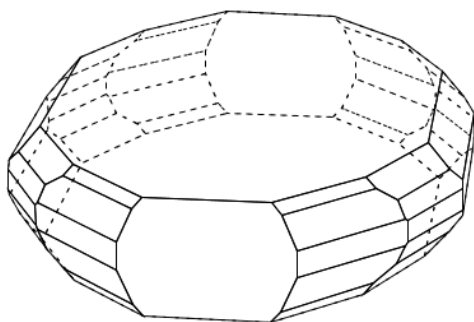
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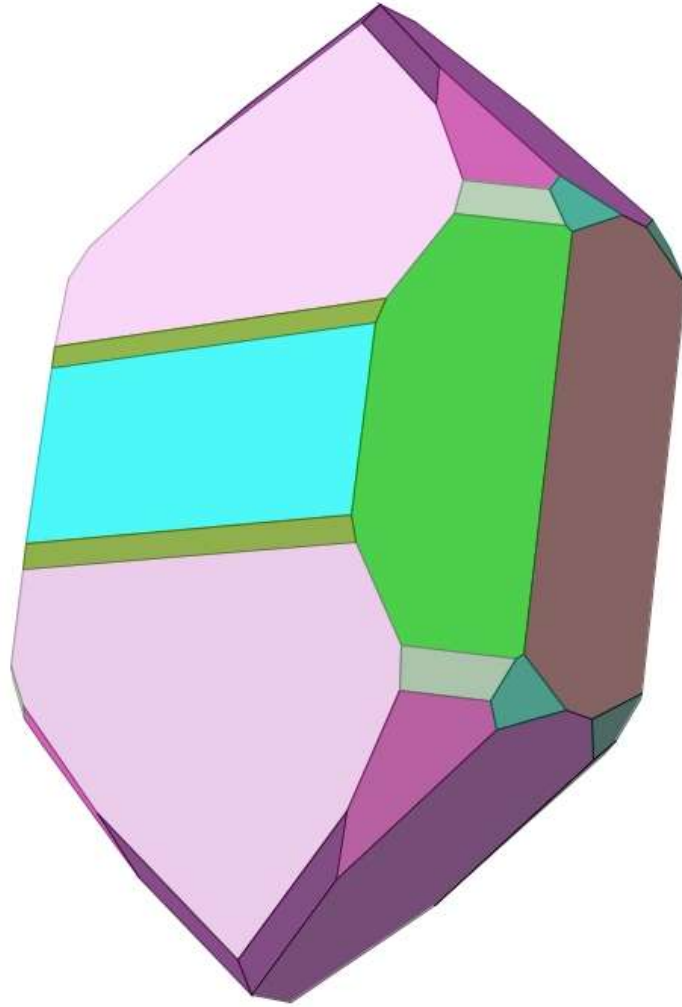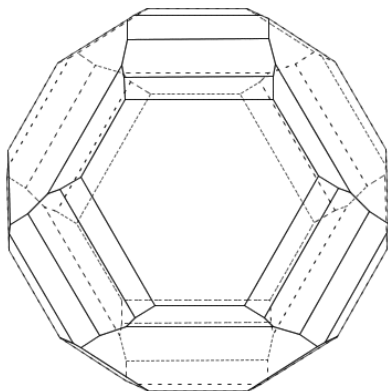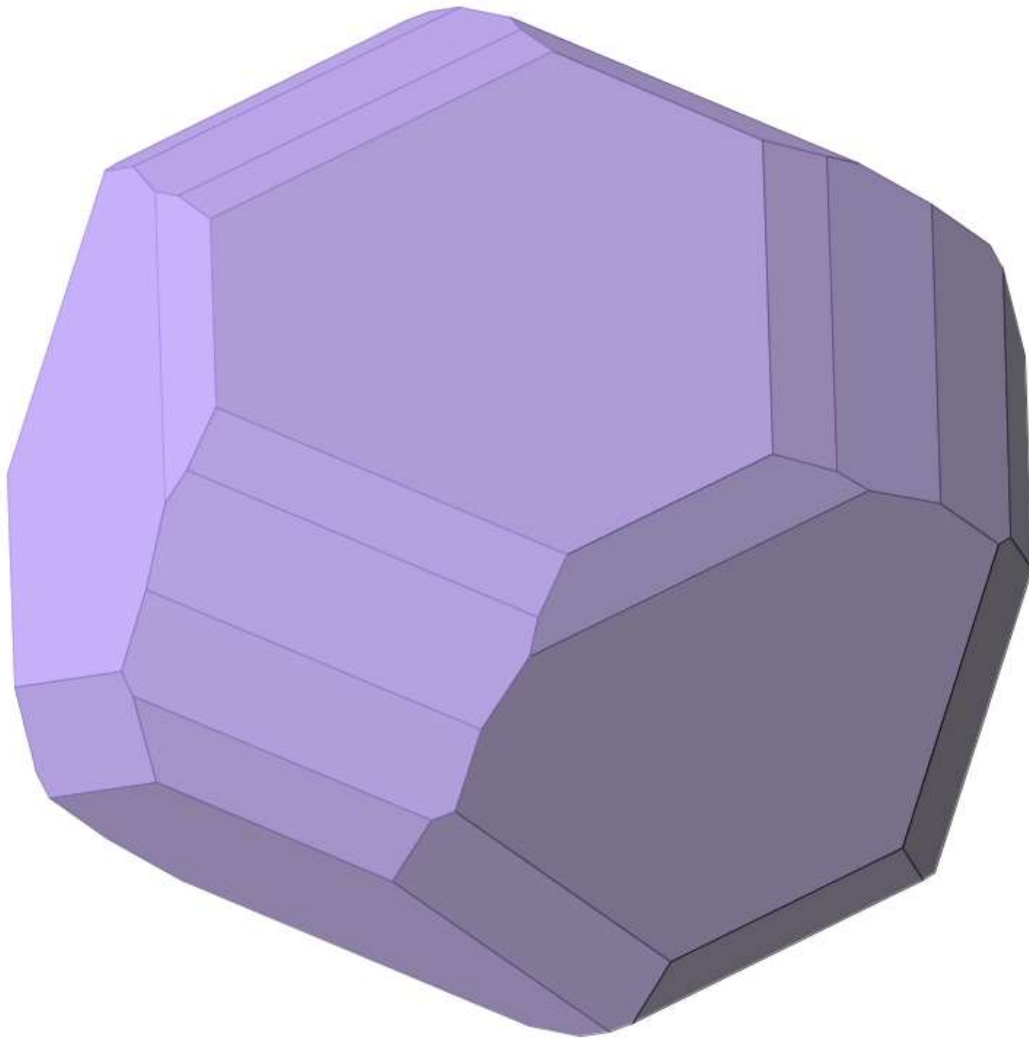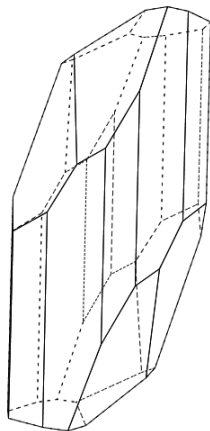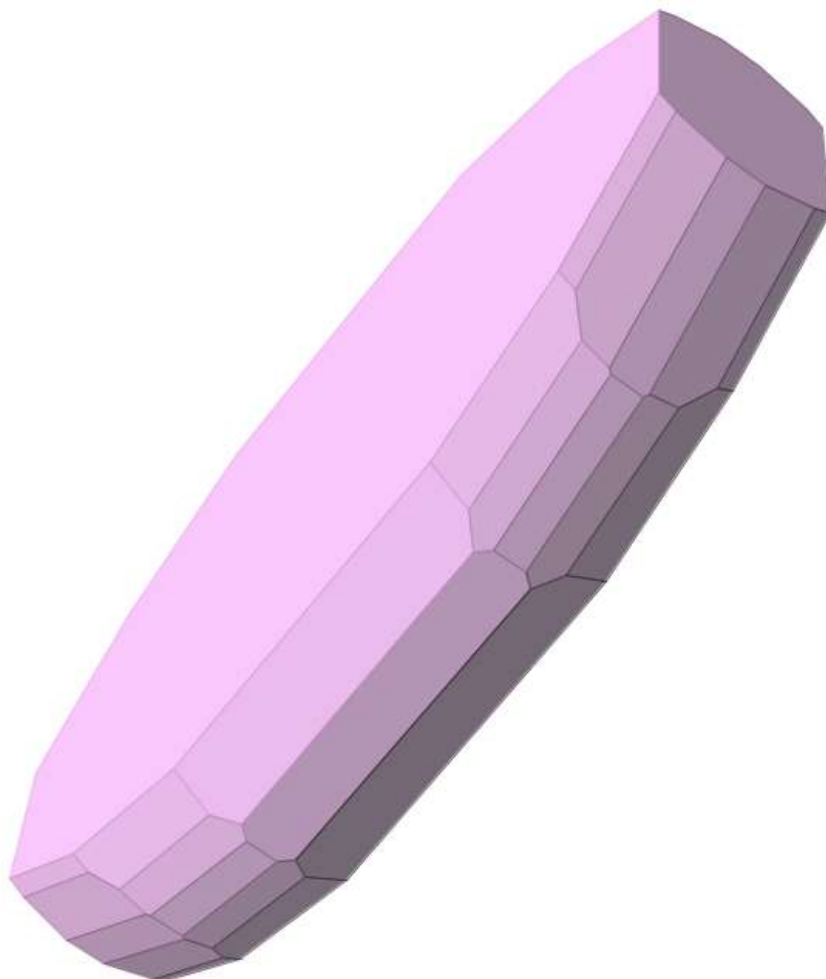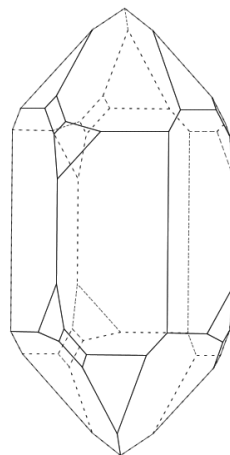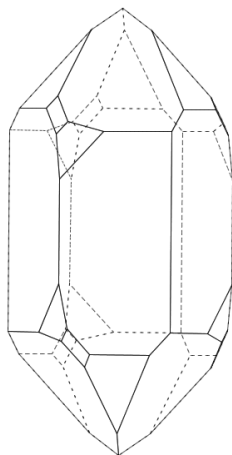
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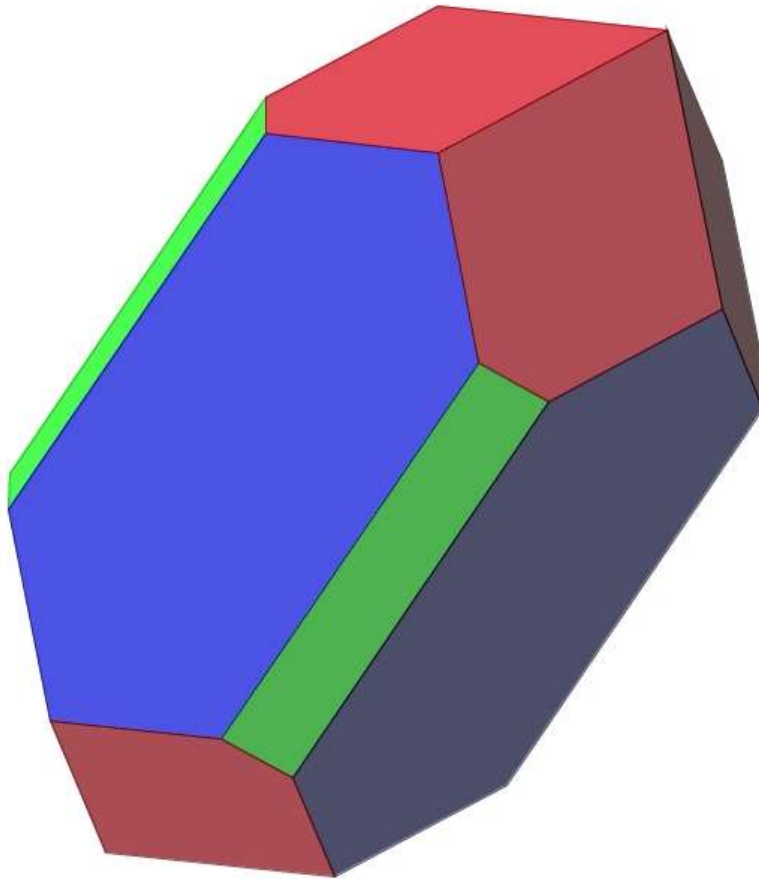
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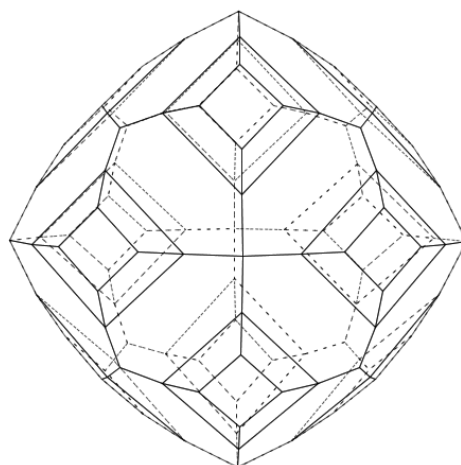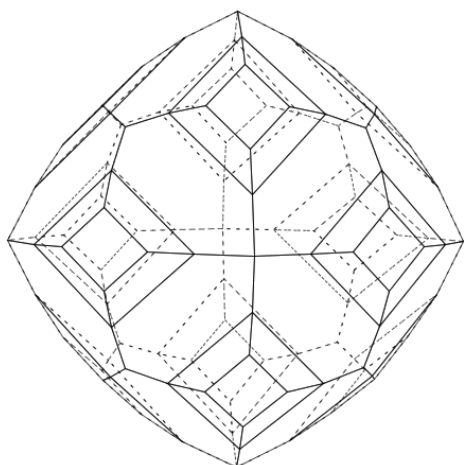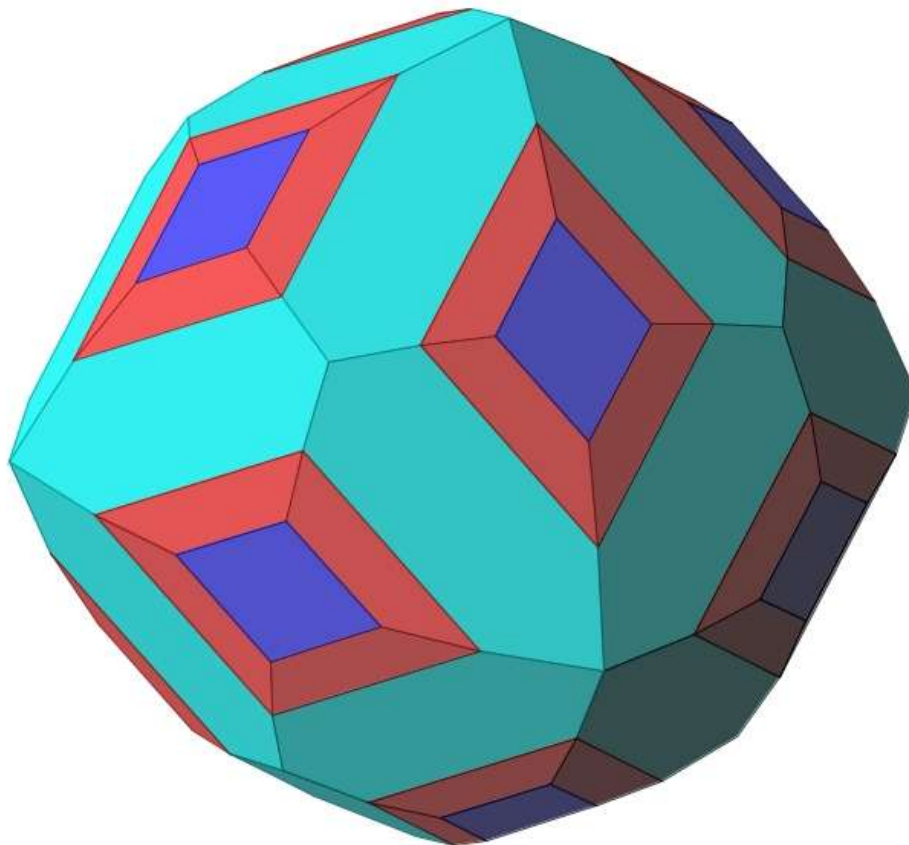
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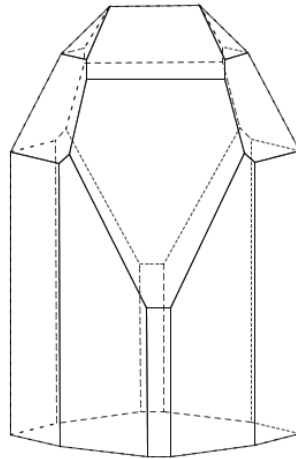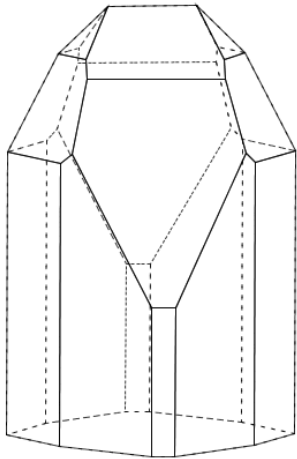
# *Zirkon*

# *Disclaimer*

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All models shown here (except the ones created by Udo Behner) can be viewed as interactive Applet renderings at http://webmineral.com/java/index.shtml
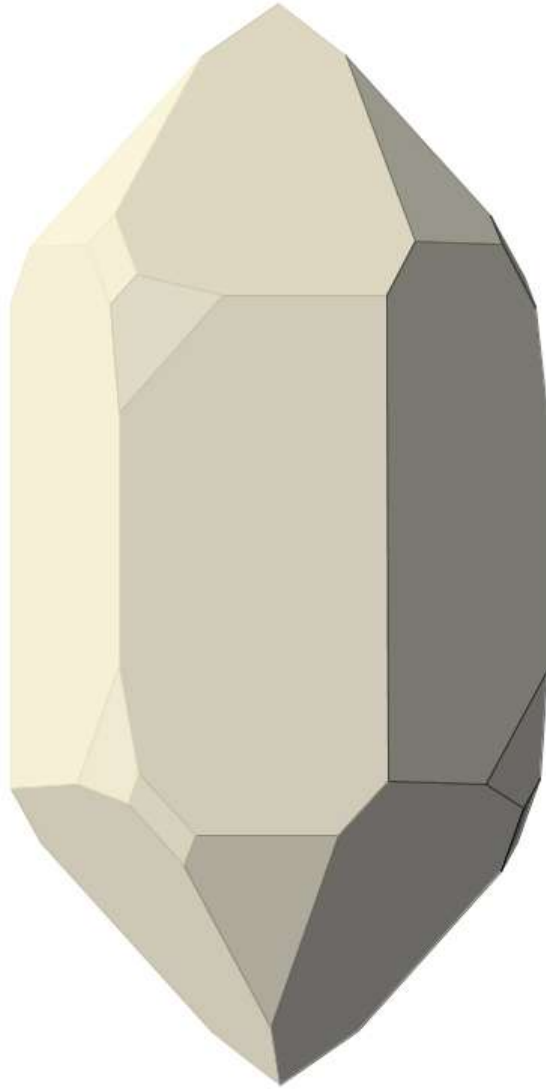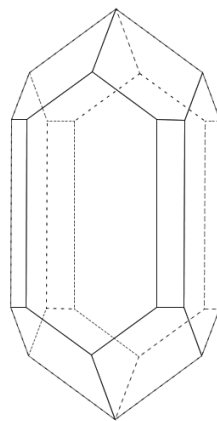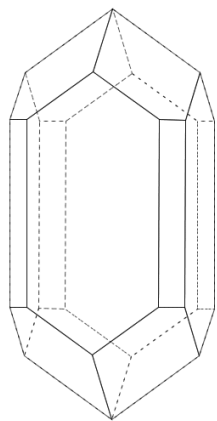
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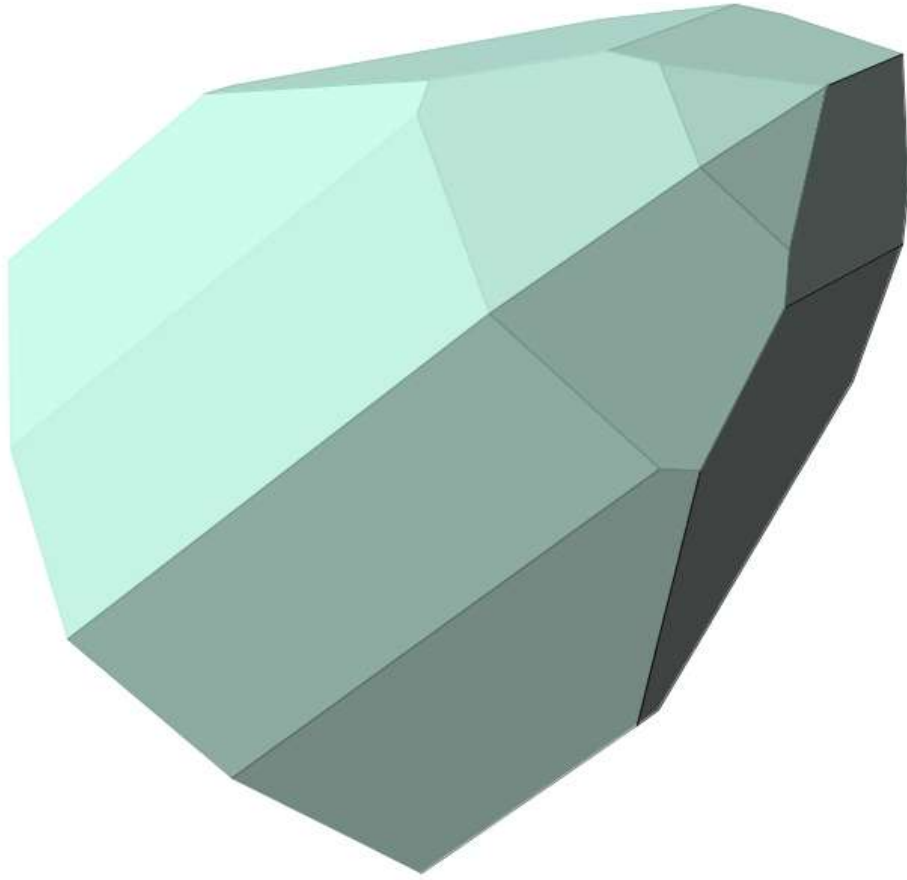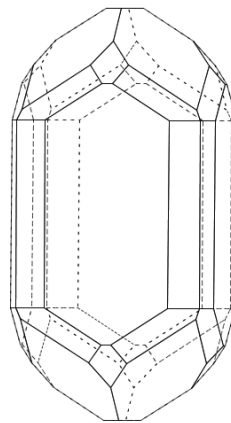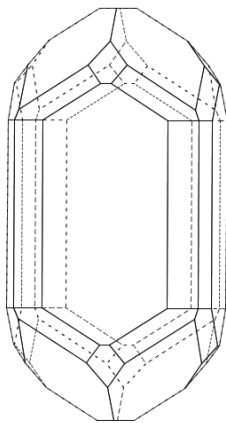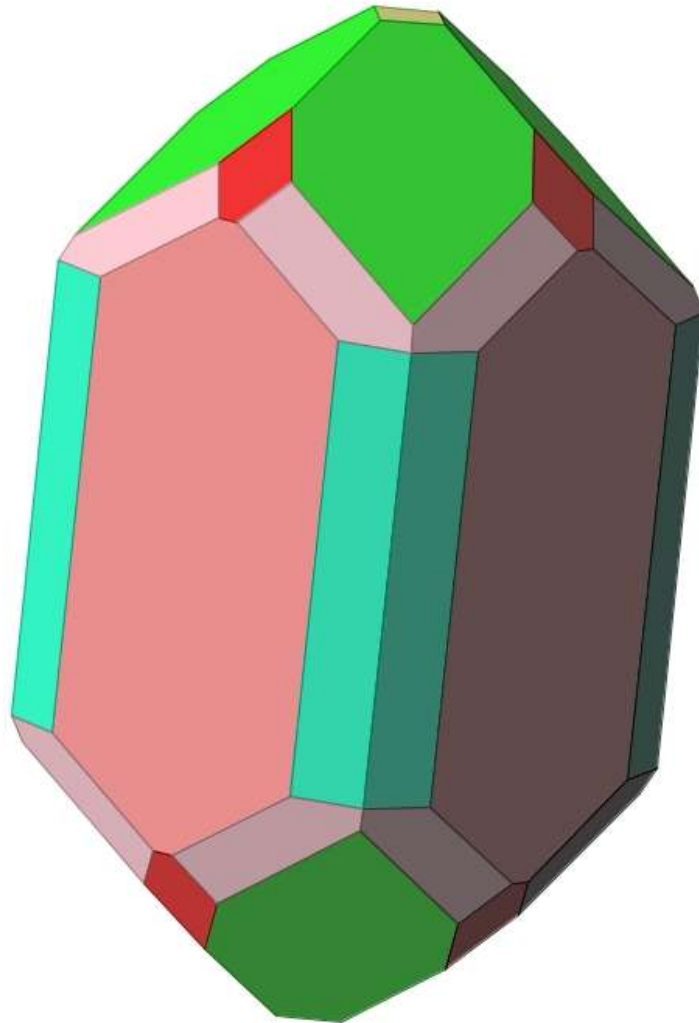
You may contact me via email at: *steffenweber@comcast.net*